حمل الآن
مجانا وحصريا

امتحانات رقم (1)

الترم الثانى





Model (1)

20 Marks

1 (A) Choose the correct answer:

- Most weather phenomena occur in the layer of the atmosphere.

a) troposphere b) mesosphere c) thermosphere d) exosphere

(B) Give a reason for:

1. The regions near the equator have high temperatures.

.....

.....

2. The emperor penguin has thick skin covered with dense feathers.

.....

3. Hot air moves upward above cold air.

.....

4. Farmers resort to developing agricultural methods in the desert environment.

.....

.....

2 (A) Complete the following sentence:

- Soil provides for plant growth.

(B) What happens when..?

1. The cold air is warmed by the effect of solar energy.

.....

2. We move up toward the top of a mountain. "relative to the atmospheric pressure"

.....

3. We move down toward the bottom of a mountain. "relative to the air density"

.....

4. The amount of solar energy that reaches the Earth differs from one place to another.

.....

.....

3 (A) Write the scientific term:

1. The movement of water between different water bodies and the atmosphere. (.....)
2. A type of cats that have long, silky hair with different colors. (.....)

ONLINE WWA Gem

(B) Answer the following questions:

1. Mention the main processes that affect the water cycle.

.....

.....

.....

2. What are the causes of desertification?

.....

.....

.....

3. Write what you know about humus.

.....

.....

4 (A) Put (✓) or (✗):

1. Soil fertility decreases when the amount of organic matter increases. ()
2. Sandstorms do not cause any harm to vehicle drivers. ()

(B) Answer the following questions:

1. The soil can be classified into three types. Mention the three types of soil.

.....

.....

.....

2. Mention one positive effect of volcanic eruptions.

.....

3. Mention two ways to reduce soil erosion.

.....

.....

Model (2)

20 Marks

1 (A) Choose the correct answer:

- Desert plants have thick stems and leaves to

a) store water
b) keep herbivores away
c) produce seeds
d) increase the rate of water loss

(B) Give a reason for:

1 Decomposers disappear from soil.

.....

2 As moist air encounters the mountains, it rises and condenses, forming clouds. "Mention the name of this phenomenon."

.....

3 The Arctic region is characterized by very cold weather.

.....

4 Desert plants have sharp thorns.

.....

2 (A) Write the scientific term:

- Large areas of land which are formed due to the effect of dry air. (.....)

(B) What happens when...?

1 The sunlight falls very inclined on a certain area.

.....

.....

2 The African penguin migrates to the South Pole.

.....

3 Deforestation and excessive use of pesticides occur.

.....

4 Water vapor condenses in the sky.

.....

3 (A) Put (✓) or (✗):

1 Energy does not transfer during the water cycle in nature. ()

2 Weather is the atmospheric condition over a long period of time. ()

(B) What is the importance or function of ...?

1. The soil for living organisms.

.....

.....

2. The anemometer.

.....

3. Genes.

.....

4 (A) Complete the following sentence using the words between brackets:

- Water evaporates from plant leaves during the process.

(cellular respiration – transpiration)

(B) Answer the following:

1. Floods cause many damages. Mention one of them.

.....

2. Mention the two factors that determine the direction of the wind.

.....

.....

3. Mention two challenges that birds face during their migration journey.

.....

.....

4 Imagine there is a water pond in a desert area and another in a cold region. Both ponds are exposed to sunlight with the same intensity . Which one has a higher evaporation rate?

.....

.....

Model (3)

20 Marks

1 (A) Choose the correct answer:

- Which of the following is not a weather factor?

a) Temperature
b) Earthquake
c) Air pressure
d) Wind

(B) Give a reason for:

1 Sandy soil does not retain water for a long time.

.....

2 The difference in atmospheric pressure from one region to another on the Earth's surface.

.....

.....

3 The clay soil has the ability to retain water.

.....

4 Birds migrate from one place to another.

.....

.....

2 (A) Complete the following sentence using the words between brackets:

- roots in desert plants help in absorbing the maximum amount of groundwater.

(Short – Long)

(B) Answer the following questions:

1 What happens when the minerals in soil settle down to the lower layers?

.....

2 Mention some devices that can be used to carry measuring instruments high into the atmosphere.

.....

3 Mention the three main processes that affect the water cycle.

.....

.....

.....

4 Mention examples of the water reservoirs on Earth.

.....

3 (A) Correct the underlined word:

- Water moves from the oceans to the air through runoff process. (.....)

(B) What happens?

1. When water vapor in air hits a cold glass of juice.

.....

2. If water and light are not available "relative to plants".

.....

.....

3. If a bog contains sand soil in a larger amount than clay soil . "relative to the water storage ".

.....

.....

4 (A) Cross out the odd word:

- Its color is yellow. / Its particles retain water. / Its particles are large in size. / It has high porosity.

(.....)

(B) Answer the following:

1. What is meant by convection?

.....

.....

2. Compare between air currents and wind.

Air currents	Wind
.....	

3. Arrange the following according to size of particles "in ascending order":

(sand soil – clay soil – silt soil)

.....

Model (4)

20 Marks

1 (A) Write the scientific term:

- It is the process in which matter changes from gaseous state to liquid state. (.....)

(B) Answer the following questions:

1. If you have two plants, one placed in the shade and the other in the sun, which plant transpires at a higher rate?

.....

2. Mention the factors affected by elevation above sea level.

.....

.....

.....

3. List the factors that may affect the plant during photosynthesis process.

.....

.....

4. Compare between organic materials and non-organic materials of the soil with giving examples.

Points of comparison	Organic materials	Inorganic materials
Definition		
Examples		

2 (A) Correct the underlined word:

- The cell nucleus helps in <u>digestion</u>. (.....)

(B) What is the meaning of...?

1. Transpiration process.

.....

2. Climate.

.....

3. Migration.

.....

.....

4. Soil.

.....

3 (A) Put (✓) or (✗):

1. Smoking is a bad lifestyle choice. ()
2. Water heats up faster than sand. ()

(B) Give a reason for:

1. Ice forms on mountain tops.

.....

2. The genetic factors make the Dorcas deer adapt and survive in desert environment.

.....

3. The soil has important role in the environment.

.....

.....

4 (A) Choose the correct answer:

1. When a liquid is heated, it will and become less dense and

a) expand – heavier b) contract – lighter

c) expand – lighter d) contract – heavier

2. What types of plants are likely to grow in dry, porous soil?

a) Shrubs. b) Tall tree. c) Ferns. d) Algae.

(B) Mention the importance of:

1. Weather radar.

.....

.....

2. Stomata.

.....

.....

3. Weather maps.

.....

Model (5)

20 Marks

1 (A) Choose the correct answer:

- Any ecosystem contains biotic factors such as

a) plants b) air c) water d) soil

(B) Mention the importance of:

1 Rain gauge.

.....

2 Convection currents.

.....

.....

3 Floods.

.....

4 Genes.

.....

2 (A) Complete the following sentence:

- and processes occur as a result of water particles losing thermal energy.**(B)**

What happens when..?

1 A plant doesn't receive enough light in its environment.

.....

2 Sanitation services are not available in the environment.

.....

3 The Earth's temperature increases. "relative to the effect on soil"

.....

4 Boiling water in a pot on the stove "concerning the movement of hot water and cold water".

.....

3 (A) Write the scientific term:

1 Spaces exist between soil particles and are filled with water or air. (.....)

2 Living organisms help in recycling nutrients from dead plants and animals back to the soil.

(.....)

(B) Give a reason for:

1. Poison dart frog has colorful poisonous skin.

.....

2. Large trees don't grow in grassland ecosystem.

.....

3. Although volcanic eruptions have destructive effects, they may also have some benefits.

.....

4 (A) Correct the underlined words:

1. Minerals are the building units of <u>plants</u>. (.....)
2. In the water cycle, the step that follows condensation process is <u>runoff</u> process.

(.....)

(B) Answer the following questions:

1. What is the difference between soil in bogs and desert in holding water?

Bogs soil	Desert soil
.....	

2. Mention three ways to reduce water pollution.

.....

.....

.....

3. What is the meaning of Meteorology?

.....

Model (1)

20 Marks

1 (A) Choose the correct answer:

- Most weather phenomena occur in the layer of the atmosphere.

a) troposphere b) mesosphere c) thermosphere d) exosphere

(B) Give a reason for:

1. The regions near the equator have high temperatures.
 - **Because the Sun's rays fall perpendicularly, and concentrated on a smaller area giving high effect of heat.**
2. The emperor penguin has thick skin covered with dense feathers.
 - **To protect itself from freezing.**
3. Hot air moves upward above cold air.
 - **Because hot air is less dense than cold air.**
4. Farmers resort to developing agricultural methods in the desert environment.
 - **Because the desert environment has harsh conditions, such as limited water resources, poor soil, and high temperatures.**

2 (A) Complete the following sentence:

- Soil provides ..**nutrients**.. for plant growth.

(B) What happens when..?

1. The cold air is warmed by the effect of solar energy.
 - **The density of the air decreases and it rises upward.**
2. We move up toward the top of a mountain. "relative to the atmospheric pressure"
 - **The atmospheric pressure decreases.**
3. We move down toward the bottom of a mountain. "relative to the air density"
 - **Air density increases.**
4. The amount of solar energy that reaches the Earth differs from one place to another.
 - **This leads to unequal heating of the Earth's surface, with some areas being warmer or cooler than others.**

3 (A) Write the scientific term:

1. The movement of water between different water bodies and the atmosphere. (**Water cycle**)
2. A type of cats that have long, silky hair with different colors. (**Birman Cats**)

(B) Answer the following questions:

1. Mention the main processes that affect the water cycle.

 1- Evaporation 2- Condensation 3- Precipitation.

2. What are the causes of desertification?

 1- Excessive cutting of forest trees.

 2- Occurrence of drought.

 3- Overgrazing.

3. Write what you know about humus.

 - It is dark, organic material found in soil, formed from the decomposition of dead plants, animals, and microorganisms.

4 (A) Put (✓) or (✗):

1. Soil fertility decreases when the amount of organic matter increases. (✗)
2. Sandstorms do not cause any harm to vehicle drivers. (✗)

(B) Answer the following questions:

1. The soil can be classified into three types. Mention the three types of soil.

 1- Sand soil 2- Clay soil 3- Silt soil

2. Mention one positive effect of volcanic eruptions.

 They increase the soil fertility.

3. Mention two ways to reduce soil erosion.

 1- Increasing the planted areas. 2- Digging cannals or trenches

Model (2)

20 Marks

1 (A) Choose the correct answer:

- Desert plants have thick stems and leaves to

a) store water b) keep herbivores away

c) produce seeds d) increase the rate of water loss

(B) Give a reason for:

1. Decomposers disappear from soil.

 - The recycling of nutrients won't occur which causes environmental imbalance.

2. As moist air encounters the mountains, it rises and condenses, forming clouds. "Mention the name of this phenomenon."

 - This is known as the rain shadow phenomenon.

3. The Arctic region is characterized by very cold weather.

 - Because the sunlight falls at a very inclined angle on this region.

4. Desert plants have sharp thorns.

 - To protect themselves from herbivores.

2 (A) Write the scientific term:

- Large areas of land which are formed due to the effect of dry air. (**Deserts**)

(B) What happens when...?

1. The sunlight falls very inclined on a certain area.

 - Its heat is distributed over a very large area giving the lowest effect of heat, and the climate becomes very cold.

2. The African penguin migrates to the South Pole.

 - The African penguin is not adapted to the extreme cold of the South Pole and it won't be able to survive.

3. Deforestation and excessive use of pesticides occur.

 - It leads to environmental pollution and habitat destruction.

4. Water vapor condenses in the sky.

 - Formation of clouds.

3 (A) Put (✓) or (✗):

1. Energy does not transfer during the water cycle in nature. (✗)
2. Weather is the atmospheric condition over a long period of time. (✗)

(B) What is the importance or function of ...?

1. The soil for living organisms.

 - Soil provides essential nutrients for plants, a home for different living organisms, like worms.

2. The anemometer.

 - It is used to measure the speed of the wind.

3. Genes.

 - Carry inherited traits.

4 (A) Complete the following sentence using the words between brackets:

- Water evaporates from plant leaves during the process.

(cellular respiration – **transpiration**)

(B) Answer the following:

1. Floods cause many damages. Mention one of them.

 - The destruction of buildings.

2. Mention the two factors that determine the direction of the wind.

 1- The amount of sun rays **2- The rotation of the Earth around its axis.**

3. Mention two challenges that birds face during their migration journey.

 1- Severe climatic condition **2- Predatory animals**

4 Imagine there is a water pond in a desert area and another in a cold region. Both ponds are exposed to sunlight with the same intensity . Which one has a higher evaporation rate?

- The rate of water evaporation from the desert pond will be higher than that from the cold region pond.

Model (3)

20 Marks

1 (A) Choose the correct answer:

- Which of the following is not a weather factor?

a) Temperature **b) Earthquake**

c) Air pressure d) Wind

(B) Give a reason for:

1. Sandy soil does not retain water for a long time.

 - Because it has large particles.

2. The difference in atmospheric pressure from one region to another on the Earth's surface.

 - Because as we go higher, the temperature, air pressure (atmospheric pressure), and air density decrease.

3. The clay soil has the ability to retain water.

 - Clay soil has very small particles preventing water from draining quickly.

4. Birds migrate from one place to another.

 - To search for food resources, suitable weather conditions, that help them survive and reproduce.

2 (A) Complete the following sentence using the words between brackets:

- roots in desert plants help in absorbing the maximum amount of groundwater.

(Short – **Long**)

(B) Answer the following questions:

1. What happens when the minerals in soil settle down to the lower layers?

 – Formation of solid layer which the plant roots can't penetrate it.

2. Mention some devices that can be used to carry measuring instruments high into the atmosphere.

 – Satellites and aircrafts.

3. Mention the three main processes that affect the water cycle.

 1- Evaporation **2- Condensation** **3- Precipitation**

4. Mention examples of the water reservoirs on Earth.

 – Oceans – Seas Lakes – Rivers Glaciers – Rocks – Atmosphere.

3 (A) Correct the underlined word:

- Water moves from the oceans to the air through runoff process. (**evaporation**)

(B) What happens?

1. When water vapor in air hits a cold glass of juice.
 - **The water vapor condenses into liquid droplets on the surface of the glass.**
2. If water and light are not available "relative to plants".
 - **If water and light are not available, plants cannot carry out photosynthesis, which means they cannot produce their own food.**
3. If a bog contains sand soil in a larger amount than clay soil . "relative to the water storage ".
 - **The soil will retain less water, because sand particles are larger and have larger pores, which allows water to drain quickly.**

4 (A) Cross out the odd word:

- Its color is yellow. / Its particles retain water. / Its particles are large in size. / It has high porosity.

(**Its particles retain water.**)

(B) Answer the following:

1. What is meant by convection?
 - **It is the process in which heat transfers in liquids and gases, where hot molecules rise up while cold molecules fall down.**
2. Compare between air currents and wind.

Air currents	Wind
They are Vertical movements of air.	**It is the Horizontal movement of air.**

3. Arrange the following according to size of particles "in ascending order":

 (sand soil – clay soil – silt soil)

 - **Sand soil – Silt soil – Clay soil**

Model (4)

20 Marks

1 (A) Write the scientific term:

- It is the process in which matter changes from gaseous state to liquid state. (**Condensation**)

(B) Answer the following questions:

1. If you have two plants, one placed in the shade and the other in the sun, which plant transpires at a higher rate?
 - **The plant that is exposed to the sun.**
2. Mention the factors affected by elevation above sea level.
 1- Atmospheric pressure
 2- The air temperature
 3- The air density
3. List the factors that may affect the plant during photosynthesis process.
 1- Availability of water
 2- Light intensity
 3- Light duration
4. Compare between organic materials and non-organic materials of the soil with giving examples.

Points of comparison	Organic materials	Inorganic materials
Definition	They are living components of the soil.	They are non-living components of the soil.
Examples	Plants – Insects	Minerals – Water

2 (A) Correct the underlined word:

- The cell nucleus helps in <u>digestion</u>. (**reproduction**)

(B) What is the meaning of...?

1. Transpiration process.
 - **It is a type of evaporation that takes place through the stomata on the plant's leaves.**
2. Climate.
 - **It is the expected state of the atmosphere over an extended period of time.**
3. Migration.
 - **It is a type of behavioral adaptation in which living organisms migrate from one place to another.**
4. Soil.
 - **It is the thin layer which covers the Earth's crust.**

3 (A) Put (✓) or (✗):

1. Smoking is a bad lifestyle choice. (✓)
2. Water heats up faster than sand. (✗)

(B) Give a reason for:

1. Ice forms on mountain tops.
 - **Due to the extremely low temperatures.**
2. The genetic factors make the Dorcas deer adapt and survive in desert environment.
 - **Because they help it adapt with the high temperature and water shortage.**
3. The soil has important role in the environment.
 - **Because it determines the type of plants that can grow in it and affects the species of animals that live in the environment.**

4 (A) Choose the correct answer:

1. When a liquid is heated, it will and become less dense and

 a) expand – heavier b) contract – lighter

 c) expand – lighter d) contract – heavier

2. What types of plants are likely to grow in dry, porous soil?

 a) Shrubs. b) Tall tree. c) Ferns. d) Algae.

(B) Mention the importance of:

1. Weather radar.
 - **It is used to determine the intensity and speed of precipitation and track thunder storms and hurricanes.**
2. Stomata.
 - **They help plant to get rid of excess water in the form of water vapor through transpiration process.**
3. Weather maps.
 - **Representing weather data and measurements on a map.**

Model (5)

20 Marks

1 (A) Choose the correct answer:

- Any ecosystem contains biotic factors such as

a) plants b) air c) water d) soil

(B) Mention the importance of:

1. Rain gauge.
 - **It is used to measure the amount of rainfall in a specific area.**
2. Convection currents.
 - **They help in moving water vapor through the atmosphere, forming clouds, and determining the regional climate.**
3. Floods.
 - **Some ecosystems depend on periodic floods, such as ecosystems along the Nile.**
4. Genes.
 - **They carry the traits which are responsible for determining the body's features.**

2 (A) Complete the following sentence:

- **Condensation** and **freezing** processes occur as a result of water particles losing thermal energy.

(B) What happens when..?

1. A plant doesn't receive enough light in its environment.
 - **The plant can't make photosynthesis process.**
2. Sanitation services are not available in the environment.
 - **Spreading of different diseases will occur.**
3. The Earth's temperature increases. "relative to the effect on soil"
 - **The soil dries up and loses its nutrients.**
4. Boiling water in a pot on the stove "concerning the movement of hot water and cold water".
 - **The hot water moves up and cold water moves down.**

3 (A) Write the scientific term:

1. Spaces exist between soil particles and are filled with water or air. (**Soil pores**)
2. Living organisms help in recycling nutrients from dead plants and animals back to the soil. (**Decomposers**)

(B) Give a reason for:

1. Poison dart frog has colorful poisonous skin.

 - To hide from its enemies and protect itself.

2. Large trees don't grow in grassland ecosystem.

 - Because grassland ecosystem has sand soil that is loose, drains water quickly and dry.

3. Although volcanic eruptions have destructive effects, they may also have some benefits.

 - Because they make the soil fertile.

4 (A) Correct the underlined words:

1. Minerals are the building units of <u>plants</u>. (**rocks**)
2. In the water cycle, the step that follows condensation process is <u>runoff</u> process. (**precipitation**)

(B) Answer the following questions:

1. What is the difference between soil in bogs and desert in holding water?

Bogs soil	Desert soil
Clay soil holds water.	**Sand soil drains water quickly.**

2. Mention three ways to reduce water pollution.

 1- Treatment of sewage.

 2- Keeping green areas.

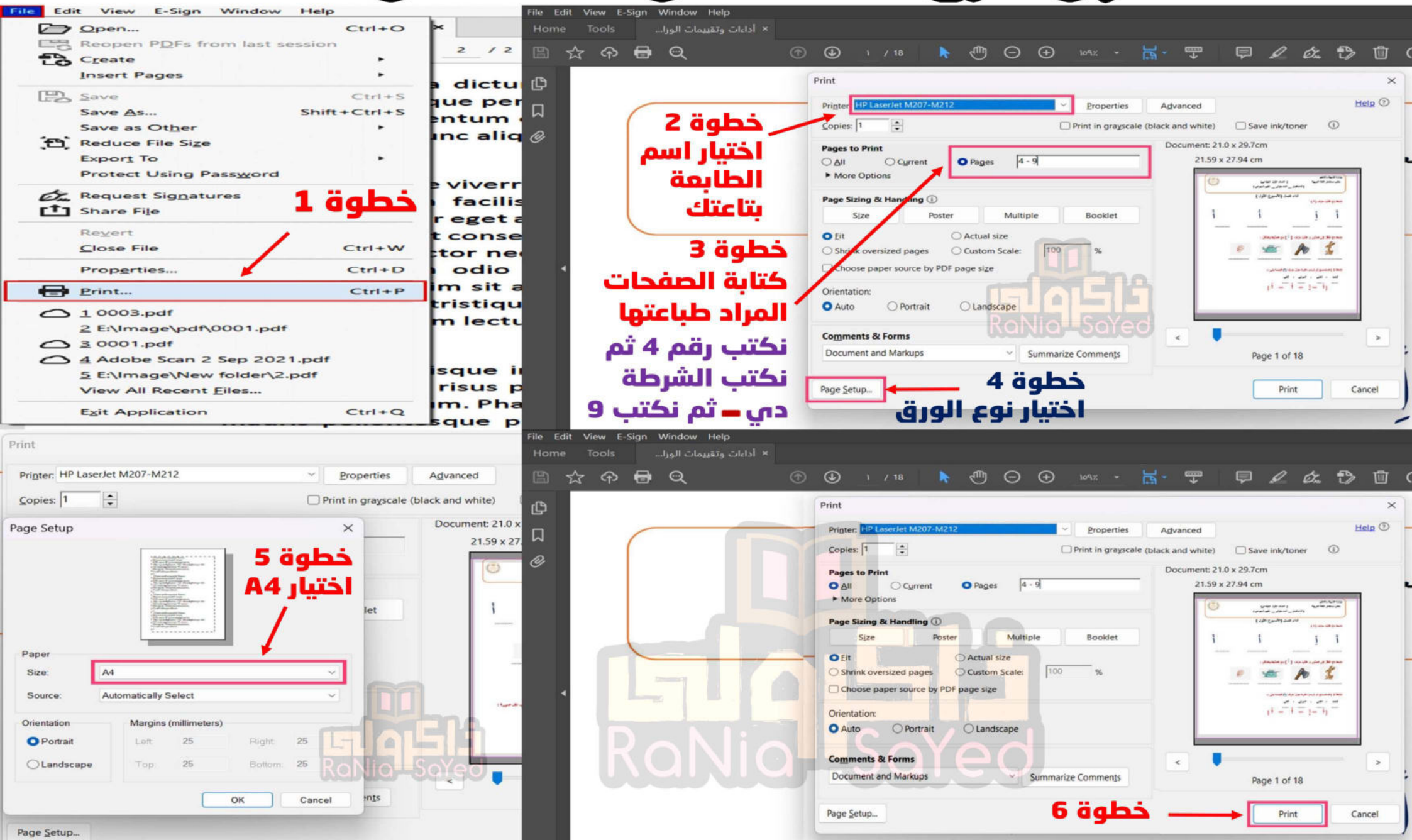
 3- Using suitable amount of fertilizers.

3. What is the meaning of Meteorology?

 - It is the science of studying and predicting the weather.

كيفية طباعة صفحات معينة من ملف معين

مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9



حمل الآن
مجانا وحصريا

امتحانات رقم (2)

الترم الثانى





Model Exam 1

Total mark
15

1 (A) Choose the correct answer : (5 marks)

1. An area between buildings contains grasses, insects and weeds represents
 a. a large ecosystem.
 b. a small ecosystem.
 c. structural characteristics.
 d. physical characteristics.
2. Wind is formed when rises and replaced by that flows from nearby areas.
 a. warm air – cold air
 b. warm water – cold water
 c. cold water – warm water
 d. cold air – warm air
3. Floods may occur as a result of and
 a. gentle rain – melting of snow.
 b. heavy rain – sudden melting of snow.
 c. gentle rain – freezing of water.
 d. heavy rain – little evaporation of water.

(B) Give a reason for the following :

Moving down of glaciers from the top of a mountain to its foot.

.....

.....

2 (A) Correct the underlined word : (5 marks)

Minerals are the building blocks of plants. (.....)

(B) Complete the following sentences :

1. Formation of fog is due to the of on a field in early morning.
2. Overuse of and cause depletion of the soil.

3 (A) Cross out the odd word : (5 marks)

Condensation – Runoff – Evaporation – Precipitation. (.....)

(B) Write the scientific term of each of the following :

1. The force which causes moving down of water from higher places to lower places on Earth. (.....)
2. The loose layer that covers Earth's surface. (.....)

Model Exam 2

Total mark
15

1 (A) Put (✓) or (✗) : (5 marks)

1. Water flows through sand soil faster than in clay soil. ()
2. Ecosystem contains biotic factors and abiotic factors. ()
3. When the air is cooled, it rises up. ()

(B) What happens to ...?

The soil when fertile agricultural lands are converted into factories or pastures.

.....

2 (A) Arrange the following according to retaining water ascending : (5 marks)

Sand soil – Clay soil – Silt soil.

.....

(B) Give reasons for :

1. Desert farming faces many difficulties.

.....

2. Lizard body is covered with sandy-colored scales.

.....

3 (A) Choose the correct answer : (5 marks)

..... is from the invasive species that are found in the Red Sea.

a. Emperor penguin
b. Poison dart frog
c. Lionfish
d. Lizard

(B) Look at this picture that shows one of the famous tourist activities in Luxor which is hot air balloons tours, that take tourists up early in the morning to enjoy watching the temples and amazing places from high above. Complete the following sentences by using the words between brackets :

(hot – cold – increases – decreases)

1. When the air is heated inside the balloon, the air in volume.
2. As the temperature increases, the density of air inside the balloon
3. A balloon rises up because the air inside the balloon is lighter than the air surrounding the balloon.



Model Exam 3

Total mark
15

1 (A) Complete the following sentences by using the words below : (5 marks)

(transpiration – decomposers – density – erosion)

1. Cold water has more than warm water, so it moves under the warm water.
2. Increasing the inclination of the Earth's surface, increase the process of soil.
3. The form of evaporation process that takes place from leaves of plant called

(B) What happens to ... ?

Atmospheric pressure, as we move up toward top of mountain.

.....

.....

2 (A) Put (✓) or (✗) : (5 marks)

Water flows through sand soil faster than in clay soil. ()

(B) Write the scientific term of each of the following :

1. It is a change in the body structure of living organisms that helps them to survive. (.....)
2. Living organisms help in recycling nutrients from dead plants and animals back to the soil. (.....)

3 (A) Correct the underlined word : (5 marks)

As a result of low temperature, water returns back into water vapor. (.....)

(B) Compare between :

Movement of hot air	Movement of cold air
.....	
.....	
.....	
.....	

Model Exam 4

Total mark
15

1 (A) Choose the correct answer : (5 marks)

1. In regions the rate of evaporation would be the smallest.
 a. moderate b. hottest c. coolest d. polar
2. The density of cold dry air is that of hot humid air.
 a. more than b. less than c. equal to d. similar to
3. All the following are from biotic factors in an ecosystem, except
 a. human. b. plants. c. animals. d. soil.

(B) Mention the function of :

Anemometer.

.....

.....

2 (A) Put (✓) or (✗) : (5 marks)

Sand is cooled down slower than water. ()

(B) Write the scientific term of each of the following :

1. It is the step in which rainwater falling on Earth's surface is collected in different water bodies. (.....)
2. The scientist who studies Earth's atmosphere and forecasts the weather. (.....)

3 (A) Correct the underlined word : (5 marks)

Sand soil has a gray color. (.....)

(B) Complete the following sentences :

1. Water vapor comes out from plant through the
2. To reduce pollution we have to keep green areas, and treat and industrial water.

Model Exam 5

Total mark
15

1 (A) Choose from column (B) what suits it in column (A) : (5 marks)

(A)	(B)
1. Acacia tree 2. Poison dart frog 3. Emperor penguin	a. it has sandy-colored scales. b. it lives in Antarctic. c. it lives in desert. d. it lives in tropical rain forest.

1. 2. 3.

(B) Complete the following sentence :

Sand soil allows water to flow while soil allows water to flow slowly.

2 (A) Cross out the odd word : (5 marks)

Weather balloon – Satellite – Thermometer – Air planes. (.....)

(B) What happens to ...?

1. The plants in an ecosystem, if they receive too intense light.

.....

2. The water movement when heated in a pot.

.....

3 (A) Put (✓) or (✗) : (5 marks)

From the factors that determine the wind direction is the rotation of the Sun. ()

(B) Look at the following figures that represent particles of different types of soil, then answer the following questions :

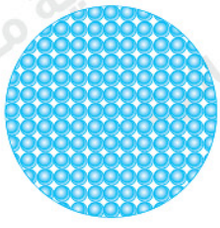


Figure (1)

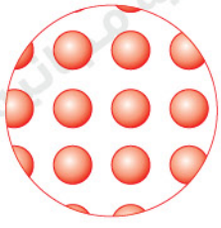


Figure (2)

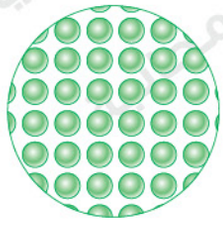


Figure (3)

Choose :

1. Figure (1) represents soil. (sand – silt – clay)
2. Figure retains small amount of water. (1 – 2 – 3)

Model Exam 1

1 (A) 1. b 2. a 3. b

(B) Due to the effect of gravity on glaciers.

2 (A) rocks.

(B) 1. condensation – water vapor

2. pesticides – chemical fertilizers

3 (A) Runoff. (All items are processes while runoff is a step).

(B) 1. Gravity.

2. The soil.

Model Exam 2

1 (A) 1. (✓) 2. (✓) 3. (✗)

(B) Soil depletion may happen.

2 (A) Sand soil – Silt soil – Clay soil

(B) 1. Because the desert's climate is hot and the amount of water is small.

2. To hide among rocks in desert.

3 (A) c.

(B) 1. increases

2. decreases.

3. hot – cold

Model Exam 3

1 (A) 1. density 2. erosion

3. transpiration.

(B) The atmospheric pressure will decrease.

2 (A) (✓)

(B) 1. Structural adaptation.

2. Decomposers.

3 (A) ice.

(B) 1. Hot air moves up.

2. Cold air falls down.

Model Exam 4

1 (A) 1. d 2. a 3. d

(B) It is used to measure the wind speed.

2 (A) (✗)

(B) 1. Collection.

2. Meteorologist.

3 (A) Silt

(B) 1. leaves – stomata.

2. water – sewage

Model Exam 5

1 (A) 1. c 2. d 3. b

(B) fast – clay

2 (A) Thermometer. (All items are tools that are used to carry measuring instruments except thermometer).

(B) 1. The too intense light may damage the plant's parts and cause their drying or burning.

2. Hot water moves up and cold water falls down.

3 (A) (✗)

(B) 1. clay 2. (2)

حمل الآن

مجانا وحصريا

امتحانات رقم (3)

الترم الثانى





Dakahlia Governorate Science Primary Six Time : 1 ½ hours

Educational Directorate Second Term exam May 2024 توجيه عام العلوم لغات

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==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer :-

1-The density of cold dry air is that of hot humid air.

a- more than b- equal to c- less than d- similar to

2-When the soil contains large amount of sand particles, the flow of water will

a- not change b- increase c- decrease d- stop

3-The amount of water vapour in the air is known as

a- humidity b- evaporation c- condensation d- cloud

4-Rainguage is used to measure

a-temperature b- wind speed c-amount of rain d- pressure.

(B) : - Give reasons for : -

Changing of water from one state to another ?

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Second Question : - (A) : - Write the scientific term : -

1-The method by which heat transfers within liquids and gases, where hot molecules rise upward while colder molecules fall down.

(.....)

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2-A type of evaporation that takes place through the stomata in the plant's Leaves. (.....)

3-Change in behaviors or acts of a living organism to help it survive.

(.....)

4-A type of the soil that contains large amount of clay particles and has dark color. (.....)

(B) : - What happen to : -

The atmospheric pressure as we move up.

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Third Question : - (A) : - Put (√) or (X) : -

1-Water flows through sand soil faster than in clay soil. ()

2-All types of plants produce fruits when the day are shorter than night. ()

3-In water cycle the step that follows condensation process is runoff. ()

4-Same animals migrate from one place to another seasonally. ()

(B) : - Cross the odd word : -

Sunlight - water - plant - Air. (.....)

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==========

Answer each of the following questions

First Question : -

(A) : - Choose the correct answer : -

1) The amount of water vapor in the air is known as

a. humidity b. evaporation c. condensation d. a cloud

2) Oceans help improve the world's climate through

a. heat absorption b. nitrogen gas absorption

c. salt storage d. water storage

3) the reason for the appearance of the characteristics of a Dorcas is

a. the rain b. the gene c. the factor d. the environment factor

4) Desertification results from

a. horticulture b. over-cutting of forests

c. allowing native plants to flourish d. gradual farming

(B) : - Give reasons for : -

Water can flow fast through sand soil ?

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Second Question : -

(A) : - Put (√) or (X) : -

1-Sandstorms blow up from dry area such as seas and oceans. ()

2-Bog ecosystem has very hot temperature. ()

3-There is no sphynx cat has long hair like birman cat. ()

4-Changing the habitat can cause extinction of some living organisms . ()

(B) : - What happen to : -

The air temperature if there is no wind on Earth.

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Third Question : - (A) : - Write the scientific term : -

1- The process which breaks down rock into small particles.

(.....)

2- The process which helps in formation of clouds in the sky.

(.....)

3- It is a change in the behaviors or acts of a living organisms to help it survive. (.....)

(B) : - Correct the underlined words : -

1- Due to radiation currents, warm water moves above cold water.

(.....)

2- The least a mount of rain falls on rainforest biome.

(.....)

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==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-The amount of water vapor in air is known as

a-Humidity b-Evaporation c-Condensation d-The cold

2-The climate is

a-The amount of rain the area receives.

b-The state of atmosphere at a specific place and time.

c-Air temperature.

d-The averages weather condition over an extended period of time.

3-Behavioral adaptation includes

a-Lack of response by living organisms to environmental factors.

b-Penguin's adaptation to higher temperature.

c-Changes that occur in a living organism throughout their life.

d-Migration of geese to warmer regions.

4-Which of the following is an abiotic component of soil

a-decomposers, plants, and decomposing materials.

b-rocks air, and water.

c-plants, rocks, and air

d-decomposers, air and water.

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(B) : - Write the scientific term : -

It is the transformation of water vapor into liquid water droplets.

(.....)

==========

Second Question : - (A) : - Put (√) or (X) : -

1-Desertification results from gradual farming. ()

2-Water, sunlight and air are all examples of a type of genetic factors that affect living organisms' growth. ()

3-At the top of Mountains, the air pressure is high. ()

4-Transpiration is the evaporation of water from plant leaves. ()

(B) : - Give reasons for : - Migration of flamingoes' birds ?

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Third Question : - (A) : - Match : -

If a meteorologist wants to know	They should use.....
1- Speed of a tornado's wind	a-Rain gauge
2- Weather it rained more this summer or the last summer.	b-Barometer
3- Possible path of hurricane	c-Thermometer
4- Current atmospheric pressure	d-Weather satellite
	e-Anemometer

1..... 2..... 3..... 4.....

(B) : - What happen when : -

The clouds become so heavy that they can't hold water.

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==========

Answer each of the following questions

First Question : -

(A) : - Put (√) or (X) : -

1-Drying up of water in the large salt lake in Turkey is due to condensation process. ()

2-Falling of hail in coolest regions is an example of evaporation process. ()

3-Rains fall and collect in oceans by the effect of gravity force. ()

4-Sphynx cat does not have any hair or may have only fine hair. ()

(B) : - Cross the odd word : -

Hurricanes - Volcanic eruptions - Remove forests to build houses - Forests fires. (.....)

==========

Second Question : - (A) : - Choose the correct answer : -

1-Savannas are ecosystems.

a. wet polar b. wet grassland c. dry polar d-dry grassland

2-.....is the loose layer which covers the Earth's crust.

a. Humus b. Water c- Air d-Soil

3- soil holds water well so, it becomes most of time.

a. Sand –wet b. Clay – wet c-Clay-dry d-Silt-dry

4-All the following are biotic factors, except.....

a. animals. b. insects. c. precipitation. d. grasses.

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(B) : - Give reasons for : -

Some plants live in the desert have short extended root ?

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Third Question : - (A) : - Complete the following sentences :-

(rotation - deserts - direction - upward - solar radiation - winds- downward)

1-The global wind system of the Earth consists of that blow in a constant over long periods of time.

2-The direction of wind is determined by the amount of

received by the Earth and of the Earth.

3-Warm air moves while cold air moves

4-Dry air causes the formation of large areas of

around the Earth's surface.

(B) : - What happen to : -

Solar panels when dust accumulates on them.

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==========

Answer each of the following questions

First Question : - (A) : - Complete the following sentences : -

1-Energy of the sun causes the changing of liquid water into

..... by evaporation process .

2-The amount of rain that falls on deserts is than that which falls in other biomes .

3-Water vapor comes out from plant leaves through the

4-To reduce water pollution we have to keep green areas, and treat

..... and industrial water .

(B) : - Give reasons for : -

Desert farming faces many difficulties ?

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Second Question : - (A) : - Correct the underlined words : -

1-Sand soil has a gray color. (.....)

2-Dorcas gazelle can live in both desert area and tropical area.

(.....)

3-Anemometer is used to measure the rain speed. (.....)

4-As a result of low temperature, water returns back into water vapor.

(.....)

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(B) : - What happen to : -

The plants in an ecosystem, if they receive too intense light

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Third Question : - (A) : - Put (√) or (X) : -

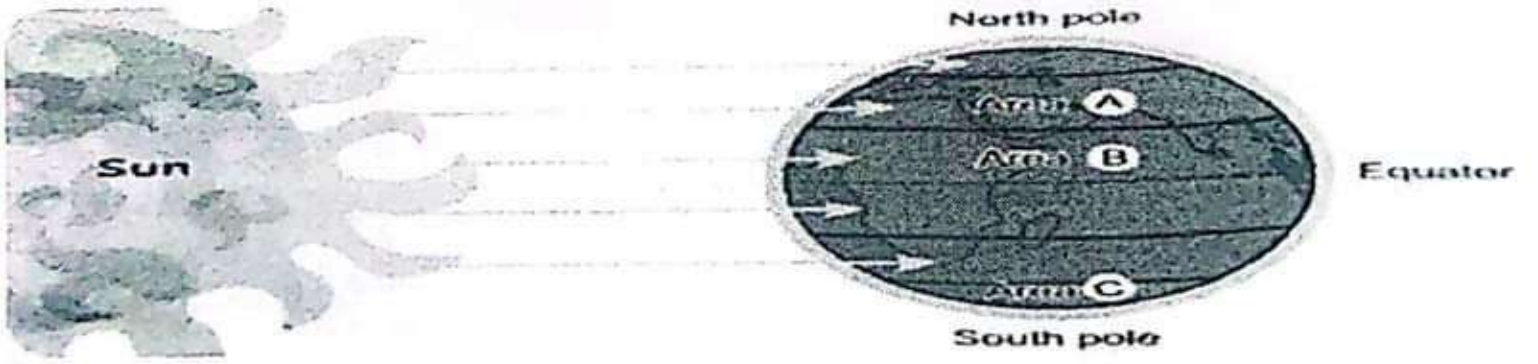
1-Environmental and genetic factors affect the behaviors, structure and the growth of living organisms . ()

2-Deserts are formed by the effect of moist air . ()

3-The sand absorbs heat slower than water during daytime . ()

4-There are spaces between the particles of the soil . ()

(B) : - Look at the following figure, then choose : -



The weather in area (A) is(hot - warm - very cold)

The sun rays fall perpendicular on area(A - B - C)

The weather is very cold in area(A - B - C)

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==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1) The amount of water vapour in the air is known as

a) humidity b) evaporation c) precipitation. d) clouds.

2- The evaporation of water from the plant leaves is called.....

a) condensation. b) transpiration . c) runoff. d) collection.

3- The baby rabbits resemble their parents as result of

a) Behavioral adaptation they have.

b) gene transferring from parents to off-springs.

c) Structures that allow their running ability .

d) Their behaviors that can be observed.

4- Soil with small spaces between its particles , is characterized by the ability to allow water to flow through it and retain it

a) slowly - poorly b) quickly - well

c) quickly - poorly. d) slowly - well.

(B) : - What happen to : -

1-To weather if sun rays fall very inclined on an area of earth's surface

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2- If the soil doesn't contain any decomposer organisms.

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Second Question : - (A) : - Put (√) or (X) : -

1- Emperor penguin and African penguin live in the same homeland.()

2-Sand absorbs the heat of sun slower than water during day time. ()

3- Thorns on stem of desert plants is an example of structural adaptation. ()

4- Savannas are grass land ecosystems that contain dry sand soil. ()

(B) : - Cross out the odd word : -

1- deposition - forests fires - erosion - weathering (.....)

2- barometer - anemometer - thermometer - metrology (.....)

==========

Third Question : - (A) : - Complete the following sentences : -

(wet - duration - pesticides - liquid - chemical fertilizers - dry - loses - intensity

1- The overuse of and may cause the depletion of soil.

2- The and of light affect the plant growth.

3- Costal mountains ranges often have two sides, which are Sides and Sides.

4- In condensation process, the water vapour..... thermal energy ,and changes again into water.

(B) : - Give reasons for : - Migration of flamingoes' birds ?

1- draying up the large salt lakes in turkey in the summer seasons

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2- Falcon and eagles migrate to Egypt in winter seasons

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==========

Answer each of the following questions

First Question : -

(A) : - Complete the following sentences :-

1- soil is composed of many inorganic ingredients as

..... rocks and minerals .

2- Sea water absorbs heat slowly and lose it

3- is the force that drives the water cycle .

4- Hurricanes are from changes that causes habitat destruction.

(B) : - Correct the underline word : -

Eye color is one of the environmental factors transmitted to the offspring . (.....)

==========

Second Question : -

(A) : - Put (√) or (X) : -

1. Meteorologists are the scientists who study soil. ()
2. Falcons and eagles are migratory birds . ()
3. Wind moves vertically, while air current move horizontally. ()
4. The size of sand soil particles is smaller silt particles . ()

(B) : - Cross out the odd word ; -

weather balloons - satellites - thermometer - airplanes

(.....)

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Third Question : -

(A) : - Choose from column (A) what suits it in column (B)

Column (A)	Column (B)
1. An anemometer	a. occur in the Earth's mantle
2. Soil	b. occurs due to a long period of dry weather
3. Convection current	c. covers the Earth's crust
Drought	d. is used to measure the wind speed

1. 2. 3. 4.

(B) : - Give reasons for : -

African penguin has a circle of skin that doesn't have any feathers around each of its eyes ?

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==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1.Desertification results from

a. horticulture. b. over-cutting of forests

c. gradual farming. d. allowing native plants to flourish.

2. Clouds are formed due to process.

a. melting. b. condensation c. collection. d. freezing.

3.The air causes the formation of many desert areas around the earth's surface.

a. cold. b. moisted c. dry. d. dusty.

(B): - Write the scientific term for each of the following : -

1.They are the building units (blocks) of rocks. (.....)

2. It is an area that contains biotic factor and abiotic factors that interact with each other. (.....)

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Second Question : - (A) ; - Complete the following sentences : -

1.Poison dart frogs live in environment , while African penguins live in

2. is a type of evaporation that takes place through the stomata on the plant's leaves.

3. Types of soil vary in and

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(B) : - What happens to ; -

1. The temperature of a desert sand at night.

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2.The soil that holds medium amount of water.

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Third Question : -

(A) : - Choose from column (A) what suits it in column (B)

Column (A)	Column (B)
1.an anemometer	a. it is formed from the decomposition of dead organisms remains in the soil.
2. Weather radar	b. it is a measure of how much water vapour is present in air
3.Humidity	c. it is used to detect the speed and intensity of precipitation.
4. Humus	

1..... 2..... 3..... 4.....

(B) : - Give reasons for ; -

1.Volcanic eruptions have a beneficial role in a habitat.

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2.Farming is difficult in the desert biomes.

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==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1)The anemometer is used to measure

a. adaptation. b. Rain fall. c. Evaporation. d. Wind speed.

2) The reason for the appearance of the characteristics of Dorcas, is.....

a. the brain b. the gene c. the factor d. the environmental factor

3) The amount of water vapor in the air is known as.....

a. Humidity. b. Evaporation. c. Condensation. d. clouds.

4) The arrangement of soil types according to the size of particles from largest to smallest is.....

a. sand, silt, clay b. silt, sand, clay

c. clay, sand, silt d. sand, clay, silt

(B) : - How does energy from the sun drive the cycle of wind around Earth ?

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Second Question : - (A) : - Complete the following table with the suitable environmental factor : -

Size of habitat , Availability of Water , Availability of light

Organism Behavior Effect	Environmental Factors
A plant that carries out photosynthesis	
Number of different species living in one place	
Trees and shrubs Growing in an ecosystem	
Animal growth during its life cycle	

(B) : - What are the organic and inorganic ingredients that make up the soil.

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Third Question : - (A) : - Put (√) or (X) : -

1) Water, sunlight and air are all examples of a type of biotic factors in the ecosystem. ()

2) Clouds consist of tiny water droplets that have condensed out of the air. ()

3) Algae is a type of plant that likely grow in dry, porous soil. ()

4) At the tops of mountains, the air pressure is low. ()

(B) : - What happens if : -There is no wind on Earth ?

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Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1 - During condensation process, all of the following occur except:

A- Losing energy. B- Gaining energy.

C- Forming clouds. D- Converting steam into water

2 - The stage in which meteorologists depend on measuring tools to study weather conditions is:

A- Putting all together B- Analyzing data

C- Representing data D- Gathering data

3- Which of the following is not an example of behavioral adaptations?

A- Birds migration. B- The color of animal fur.

C- The growth of plants toward light. D- Animals living in a herd

4- The soil which water flows quickly can be described as:

A- Incoherent B- Brown in color C- Small particles D- Humid

(B) : - Mention the process that happens to water during transpiration . And Mention if this process is accompanied by losing or gaining energy ?

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Second Question : - (A) : - Put (√) or (X) : -

1- Temperatures vary in different areas on the Earth's surface depending on the angle of incidence of the sun's rays. ()

2 - The melting of snow and ice in an area causes a flood. ()

3- The structural adaptations of an organism are related to the structure of its body. ()

4- The increase in light intensity does not cause damage of plant parts . ()

(B) : - Mention the function of a barometer?

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Third Question : - (A) : - Write the scientific term for each of the following : -

1- The science of studying and predicting the weather.

(.....)

2- The process of water falling from the atmosphere onto the Earth's surface in the form of rain or snow.(.....)

3- Organic components rich with nutrients that are produced from the decomposition of dead animals and plants.

(.....)

4- The number of different species that live in one place.

(.....)

(B) : - Mention the two factors that affect the movement of water in the water cycle.

1 -

2 -

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==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1- The barometer is used to measure

a- Atmospheric pressure b- wind speed

c- amount of rain d- no correct answer

2- Areas that are faraway from the equator , the sun rays fall

a- perpendicular b- very inclined

c- semi inclined d- no correct answer

3- The particles of clay soil are

a- small b- large c- medium d- all of them

4- Increasing the temperature of the soil, leads to in numbers of plants .

a- decrease b- increase c- excess d- overstated

(B) : - When does rain occur ?

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Second Question : - (A) : - Put (√) or (X) : -

1- No energy transfer occurs during the water cycle. ()

2- Winds play an important role in moving water. ()

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3- Pores are spaces between soil particles that are filled with air and water. ()

4- Weather radar determines the intensity and speed of rain. ()

(B) : - Give reasons for : -

Farmers face challenges in desert farming ?

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Third Question : - (A) : - Write the scientific term for each of the following : -

1- The change of water from the liquid state to the gaseous state.

(.....)

2- The science of studying weather and how to predict it.

(.....)

3- A place where living organisms live and the resources necessary for their survival are available. (.....)

4- A process carried out by plant leaves to get rid of excess water through stomata. (.....)

(B) : - Explain : -

Decomposers play an important role in the balance of the ecosystem.

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Dakahlia Governorate Science Primary Six Time : 1 ½ hours

Educational Directorate Second Term exam May 2024 توجيه عام العلوم لغات

امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

((الاجابة فى نفس الورقة / صفحة واحدة))

==========

Answer each of the following questions

First Question : - (A) : - Put (√) or (X) : -

1- Melting and transpiration process occur by cooling . ()

2- Convection causes movement of air with low density above the high density air. ()

3- Thorns on a plant stem is a behavioral adaptation. ()

4- Sand soil retains large amount of water than clay soil . ()

(B) : - Give reasons for : -

Poison dart frog has colorful poisonous skin ?

.....

.....

.....

==========

Second Question : - (A) : - Choose the correct answer : -

1- Fresh water stored underground in a form of groundwater by the effect of

a- Evaporation b- Condensation c- Gravity d- Electricity

2- If the temperature at the bottom of a mountain is 20 C , so the temperature at the top of this mountain may be C .

a- 5 b- 20 c- 25 d- 30

3- The device which is used to measure the wind speed is

a- Anemometer b- Barometer c-Thermometer d- Rain gauge

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4- The most common animals that lives in bog ecosystems are

a- Tigers - lions

b- Gazelles - zebra

c- Lion - Zebra

d- Mosquitos- Frogs

(B) : - What happens to : -

The level of water in a lake when the rate of evaporation increases.

.....

.....

==========

Third Question : - (A) : - Write the scientific term for each of the following : -

1- The process by which the land becomes infertile due to deforestation, drought or overgrazing. (.....)

2- It is the loose layer which covers the Earth crust .

(.....)

3- They are responsible for determine the body feature and present in cell nucleus. (.....)

4- The continuous movement of water among different water reservoirs.

(.....)

(B) : - Look at the opposite figure then complete : -

1- The name of this process is

.....

2- This process produces about %

of water vapor that found in the air.



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Dakahlia Governorate Science Primary Six Time : 1 ½ hours

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امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

((الاجابة فى نفس الورقة / صفحة واحدة))

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-Convection is a way of transferring of heat in liquids and gases due to the difference in..... and.....

a. mass - color. b. shape - volume.

c. temperature - size d. temperature - density.

2-Poison dart frog lives in.....

a. arctic b. tropical rain forest

c. Antarctic environment. d. desert

3-At the top of mountains, the atmospheric pressure is and the temperature is..... compared to the bottom of the mountain.

a. Lower - lower b. lower – higher

c. Higher - higher d. higher - lower

4-All the following are inherited traits in human except

a. nose shape b. eye color

c. language speaking d. ear shape

(B) : - What happens to : -

A plant, if it is exposed to too intense light for a duration.

.....

.....

==========

CamScanner

Second Question : -

(A) : - Complete the following sentences : -

(Plants - condensation - over - Leaves)

1-Due to convection currents, hot air moves.....cold air.

2-Availability of water and light affect the amount of that represents the food of some animals.

3-Formation of fog is due to the.....of water vapor on a field in early morning.

4-Some desert plants have thick.....to store water.

(B) : - Give reasons for : -

Sea water remains warm at night than sand ?

.....

.....

.....

==========

Third Question : - (A) : - Put (√) or (X) : -

1-Cleaning up water from pollution is more effective than preventing it. ()

2-Reusing water is a useful way to irrigate crops in desert farm. ()

3-Glaciers move from the top of mountains to the bottom of mountains due to the effect of gravity. ()

4-Birds migrate to areas that have no food or water. ()

(B) : - Cross the odd word : -

Evaporation - Precipitation - Radiation - Condensation

(.....)

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Dakahlia Governorate *Science Primary Six* *Time : 1 ½ hours*

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امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

((الاجابة فى نفس الورقة / صفحة واحدة))

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-The evaporation of water from plant leaves is called

a. condensation. b. transpiration. c. rainfall. d. freezing.

2-The climate is

a. The amount of rain the area receives.

b. The state of the atmosphere at a specific place and time.

c. Air temperature.

d. The average weather condition over an expected period of time.

3- The polar bear's ability to live extremely cold regions is considered ...

a. Behavioral adaptation. b. Reproduction ways.

c. Structural adaptation. d. Environmental change.

4-The arrangement of soil types according to the size of soil particles from largest to smallest is

a. Sand, silt, clay. b. Silt, sand, clay.

c. Clay, sand, silt. d. Sand, clay, silt.

(B) : - What is meant by inorganic ingredients ,

.....

.....

==========

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Second Question : - (A) : - Put (√) or (X) : -

1-Freezing is the transformation of water vapor into liquid water droplets in the air. ()

2-Meteorology is the science of studying and predicting the weather.()

3-Adaptation is a process in which an organism becomes able to live in the environment in a way that enables it to survive. ()

4-Desertification results from gradual farming. ()

(B) : - Give reasons for : - African penguin has a circle of skin completely devoid of feathers surrounding each of its eyes ?

.....

.....

==========

Third Question : - (A) : - Write the scientific term : -

1-The storage location of water on Earth includes oceans, seas, lakes and rivers. (.....)

2-A device that is used to measure atmospheric pressure.

(.....)

3-A behavioral adaptation in which animals move from one place to another, usually seasonally. (.....)

4-The two processes related to the disintegration of rocks and minerals that make up soil. (.....)

(B) : - Mention the use of an anemometer .

.....

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Serial No:

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* اسم الطالب /

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Dakahlia Governorate *Science Primary Six* *Time : 1 ½ hours*

Educational Directorate Second Term exam May 2024 توجيه عام العلوم لغات

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==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-In the convection process, heat is transferred from

a. High to lows. b. Wet areas to dry areas.

c. Cold regions to warm regions. d. Warm regions to cold regions.

2-The anemometer is used to measure

a. adaptation. b. rainfall. c. evaporation. d. wind speed.

3-The baby rabbits look like their parents a result of

a. Behavioral adaptation they have. b. Observable behaviors.

c. Genes transfer from parents to offspring.

d. Structures that enhance running ability.

4-The two processes related to the disintegration of rocks and minerals that make up soil are.....

a. Evaporation and weathering. b. Erosion and condensation.

c. Deposition and evaporation. d. Weathering and erosion.

(B) : - Give reasons for : - African penguin has a circle of skin completely devoid of feathers surrounding each of its eyes ?

.....

.....

==========

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Second Question : -

(A) : - Put (√) or (X) : -

1-Transpiration is the evaporation of water from plant leaves. ()

2-A thermometer is a device that is used to record the speed of the wind blowing. ()

3-The polar bear's ability to live in extremely cold regions is considered reproduction ways. ()

4-The arrangement of soil types according to the size of soil particles from largest to smallest is sand, silt and clay. ()

(B) : - What is meant by inorganic ingredients .

.....

.....

==========

Third Question : - (A) : - Write the scientific term : -

1-It is the transformation of water vapor into liquid water droplets in the air. (.....)

2-The average weather conditions over an extended period of time.

(.....)

3-A process in which an organism becomes able to live in the environment and to survive. (.....)

4-It is a process by which the land becomes infertile due to deforestation, drought or overgrazing.(.....)

(B) : - Complete the following table : -

Type of soil	Color	Particles size	Degree of water retention
.....			
.....			
.....			

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Dakahlia Governorate Science Primary Six Time : 1 ½ hours

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امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

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1

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer :-

1-The density of cold dry air is that of hot humid air.

a- more than b- equal to c- less than d- similar to

2-When the soil contains large amount of sand particles, the flow of water will

a- not change b- increase c- decrease d- stop

3-The amount of water vapour in the air is known as

a- humidity b- evaporation c- condensation d- cloud

4-Rainguage is used to measure

a-temperature b- wind speed c-amount of rain d- pressure.

(B) : - Give reasons for : -

Changing of water from one state to another ?

.....due to the gaining or losing.....

.....of thermal energy.....

==========

Second Question : - (A) : - Write the scientific term : -

1-The method by which heat transfers within liquids and gases, where hot molecules rise upward while colder molecules fall down.

(...convection.....)

2-A type of evaporation that takes place through the stomata in the plant's Leaves. (.....transpiration.....)

3-Change in behaviors or acts of a living organism to help it survive.

behavioral adaptation

4-A type of the soil that contains large amount of clay particles and has dark color. (.....clay soil.....)

(B) : - What happen to : -

The atmospheric pressure as we move up.

.....the atmospheric pressure decrease.....

.....

==========

Third Question : - (A) : - Put (√) or (X) : -

1-Water flows through sand soil faster than in clay soil. (√)

2-All types of plants produce fruits when the day are shorter than night. (X)

3-In water cycle the step that follows condensation process is runoff. (X)

4-Same animals migrate from one place to another seasonally. (√)

(B) : - Cross the odd word : -

Sunlight - water - plant - Air. (.....)

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Serial No:

Mrs. Omnia Abd Elhamied

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Serial No:

اسم الطالب /

رقم الجلوس /

Dakahlia Governorate Science Primary Six Time : 1 ½ hours

Educational Directorate Second Term exam May 2024 توجيه عام العلوم لغات

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2

==========

Answer each of the following questions

First Question : -

(A) : - Choose the correct answer : -

1) The amount of water vapor in the air is known as

a. humidity b. evaporation c. condensation d. a cloud

2) Oceans help improve the world's climate through

a. heat absorption b. nitrogen gas absorption

c. salt storage d. water storage

3) the reason for the appearance of the characteristics of a Dorcas is

a. the rain b. the gene c. the factor d. the environment factor

4) Desertification results from

a. horticulture b. over-cutting of forests

c. allowing native plants to flourish d. gradual farming

(B) : - Give reasons for : -

Water can flow fast through sand soil ?

.....

because sand soil has

.....

large amount of pore spaces

.....

Second Question : -

(A) : - Put (√) or (X) : -

1-Sandstorms blow up from dry area such as seas and oceans. (X)

2-Bog ecosystem has very hot temperature. (X)

3-There is no sphynx cat has long hair like birman cat. (√)

4-Changing the habitat can cause extinction of some living organisms . (√)

(B) : - What happen to : - Mrs. Omnia Abd elhamied

The air temperature if there is no wind on Earth.

.....air temperature at equator.....

become extremely hot and the poles

.....completely freez.....

==========

Third Question : - (A) : - Write the scientific term : -

1- The process which breaks down rock into small particles.

(.....weathering.....)

2- The process which helps in formation of clouds in the sky.

(....condensation.....)

3- It is a change in the behaviors or acts of a living organisms to help it survive. behavioral adaptation

(B) : - Correct the underlined words : -

1- Due to radiation currents, warm water moves above cold water.

(.....convection.....)

2- The least a mount of rain falls on rainforest biome.

(.....desert.....)

Dakahlia Governorate Science Primary Six Time : 1 ½ hours

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3

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-The amount of water vapor in air is known as

a-Humidity b-Evaporation c-Condensation d-The cold

2-The climate is

a-The amount of rain the area receives.

b-The state of atmosphere at a specific place and time.

c-Air temperature.

d-The averages weather condition over an extended period of time.

3-Behavioral adaptation includes

a-Lack of response by living organisms to environmental factors.

b-Penguin's adaptation to higher temperature.

c-Changes that occur in a living organism throughout their life.

d-Migration of geese to warmer regions.

4-Which of the following is an abiotic component of soil

a-decomposers, plants, and decomposing materials.

b-rocks air, and water.

c-plants, rocks, and air

d-decomposers, air and water.

Mrs. Omnia Abd Elhamied

(B) : - Write the scientific term : -

It is the transformation of water vapor into liquid water droplets.

(condensation)

==========

Second Question : - (A) : - Put (√) or (X) : -

1-Desertification results from gradual farming. (X)

2-Water, sunlight and air are all examples of a type of genetic factors that affect living organisms' growth. (X)

3-At the top of Mountains, the air pressure is high. (X)

4-Transpiration is the evaporation of water from plant leaves. (√)

(B) : - Give reasons for : - Migration of flamingoes' birds ?

to feed on algae in shallow water and reproduce in warm climate

Third Question : - (A) : - Match : -

If a meteorologist wants to know	They should use.....
1- Speed of a tornado's wind	a-Rain gauge
2- Weather it rained more this summer or the last summer.	b-Barometer
3- Possible path of hurricane	c-Thermometer
4- Current atmospheric pressure	d-Weather satellite
	e-Anemometer

1.....e..... 2.....a..... 3.....d..... 4.....b.....

(B) : - What happen when : -

The clouds become so heavy that they can't hold water.

precipitation occure and rain fall

Dakahlia Governorate Science Primary Six Time : 1 ½ hours

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4

==========

Answer each of the following questions

First Question : -

(A) : - Put (√) or (X) : -

1-Drying up of water in the large salt lake in Turkey is due to condensation process. (X)

2-Falling of hail in coolest regions is an example of evaporation process. (X)

3-Rains fall and collect in oceans by the effect of gravity force. (√)

4-Sphynx cat does not have any hair or may have only fine hair. (√)

(B) : - Cross the odd word : -

Hurricanes - Volcanic eruptions - Remove forests to build houses - Forests fires. (.....)

==========

Second Question : - (A) : - Choose the correct answer : -

1-Savannas are ecosystems.

a. wet polar b. wet grassland c. dry polar d-dry grassland

2-.....is the loose layer which covers the Earth's crust.

a. Humus b. Water c- Air d-Soil

3- soil holds water well so, it becomes most of time.

a. Sand –wet b. Clay – wet c-Clay-dry d-Silt-dry

4-All the following are biotic factors, except.....

a. animals. b. insects. c. precipitation. d. grasses.

(B) : - Give reasons for : -

Some plants live in the desert have short extended root ?

.....

.....to absorb any avilable water.....

.....

==========

Third Question : - (A) : - Complete the following sentences :-

(rotation - deserts - direction - upward - solar radiation - winds- downward)

1-The global wind system of the Earth consists of that blow in a constant direction..... over long periods of time.

2-The direction of wind is determined by the amount of solar radiation received by the Earth and rotation..... of the Earth.

3-Warm air moves .upward... while cold air moves downward

4-Dry air causes the formation of large areas of ..desert..... around the Earth's surface.

(B) : - What happen to : -

Solar panels when dust accumulates on them.

.....

.....it can't generate electricity.....

.....

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Serial No:

Mrs. Omnia Abd Elhamied

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Serial No:

* اسم الطالب /

* رقم الجلوس /

Dakahlia Governorate Science Primary Six Time : 1 ½ hours

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5

==========

Answer each of the following questions

First Question : - (A) : - Complete the following sentences : -

1-Energy of the sun causes the changing of liquid water into

water vapour... by evaporation process .

2-The amount of rain that falls on deserts is less..... than that which falls in other biomes .

3-Water vapor comes out from plant leaves through the .stomata

4-To reduce water pollution we have to keep green areas, and treat seawage..... and industrial water .

(B) : - Give reasons for : -

Desert farming faces many difficulties ?

.....due to the very hot climate which.....

.....evaporate water faster than its.....

precipitation and the low fertility of the soil...

==========

Second Question : - (A) : - Correct the underlined words : -

1-Sand soil has a gray color. (.....silt.....)

2-Dorcas gazelle can live in both desert area and tropical area.

semidesert

3-Anemometer is used to measure the rain speed. (....wind....)

4-As a result of low temperature, water returns back into water vapor.

ice

(B) : - What happen to : -

The plants in an ecosystem, if they receive too intense light

.....

...plants will damage as they may dry or burn.....

.....

==========

Third Question : - (A) : - Put (√) or (X) : -

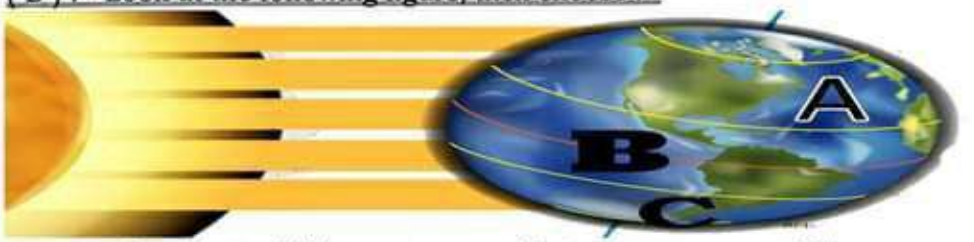
1-Environmental and genetic factors affect the behaviors, structure and the growth of living organisms . (√)

2-Deserts are formed by the effect of moist air . (X)

3-The sand absorbs heat slower than water during daytime . (X)

4-There are spaces between the particles of the soil . (√)

(B) : - Look at the following figure, then choose : -



The weather in area (A) is(hot - warm - very cold)

The sun rays fall perpendicular on area(A - B - C)

The weather is very cold in area(A - B - C)

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Dakahlia Governorate | Science Primary Six | Time : 1 ½ hours

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6

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1) The amount of water vapour in the air is known as

a) humidity b) evaporation c) precipitation. d) clouds.

2- The evaporation of water from the plant leaves is called.....

a) condensation. b) transpiration . c) runoff. d) collection.

3- The baby rabbits resemble their parents as result of

a) Behavioral adaptation they have.

b) gene transferring from parents to off-springs.

c) Structures that allow their running ability .

d) Their behaviors that can be observed.

4- Soil with small spaces between its particles , is characterized by the ability to allow water to flow through it and retain it

a) slowly - poorly b) quickly - well

c) quickly - poorly. d) slowly - well.

(B) : - What happen to : -

1-To weather if sun rays fall very inclined on an area of earth's surface

.....

.....the weather is very cold.....

.....

2- If the soil doesn't contain any decomposer organisms.

.....

it becomes infertile as it can't

return nutrients back to the soil

.....

Second Question : - (A) : - Put (√) or (X) : -

1- Emperor penguin and African penguin live in the same homeland.(X)

2-Sand absorbs the heat of sun slower than water during day time. (X)

3- Thorns on stem of desert plants is an example of structural adaptation. (√)

4- Savannas are grass land ecosystems that contain dry sand soil. (√)

(B) : - Cross out the odd word : - Mrs. Omnia Abd Elhamied

1- deposition - forests fires - erosion - weathering (.....)

2- barometer - anemometer - thermometer - metrology (.....)

==========

Third Question : - (A) : - Complete the following sentences : -

(wet - duration - pesticides - liquid - chemical fertilizers - dry - loses - intensity

1- The overuse of pestisides and chemical fertilizers may cause the depletion of soil.

2- The duration and intensity... of light affect the plant growth.

3- Costal mountains ranges often have two sides, which are wet Sides and dry.Sides.

4- In condensation process, the water vapour.....loses..... thermal energy ,and changes again into liquid..... water.

(B) : - Give reasons for : - Migration [illegible] ?

1- draying up the large salt lakes in turkey in the summer seasons

.....due to the increasing of

.....evaporation process.....

2- Falcon and eagles migrate to Egypt in winter seasons

because it has moderate climate in

winter and different environment

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7

==========

Answer each of the following questions

First Question : -

(A) : - Complete the following sentences :-

1- soil is composed of many inorganic ingredients as air water rocks and minerals .

2- Sea water absorbs heat slowly and lose it slowly

3- gravitt is the force that drives the water cycle .

4- Hurricanes are from natural changes that causes habitat destruction.

(B) : - Correct the underline word : -

Eye color is one of the environmental factors transmitted to the offspring . (..... genetic)

==========

Second Question : -

(A) : - Put (√) or (X) : -

1. Meteorologists are the scientists who study soil. (X)
2. Falcons and eagles are migratory birds . (√)
3. Wind moves vertically, while air current move horizontally. (X)
4. The size of sand soil particles is smaller silt particles . (X)

(B) : - Cross out the odd word : -

weather balloons - satellites - thermometer - airplanes

(.....)

Third Question : -

(A) : - Choose from column (A) what suits it in column (B)

Column (A)	Column (B)
1. An anemometer	a. occur in the Earth's mantle
2. Soil	b. occurs due to a long period of dry weather
3. Convection current	c. covers the Earth's crust
Drought	d. is used to measure the wind speed

1. d 2. c 3. a 4. b

(B) : - Give reasons for : -

African penguin has a circle of skin that doesn't have any feathers around each of its eyes ?

..... to cool its body

.....

.....

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Serial No:

Mrs. Omnia Abd Elhamied

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Serial No:

* اسم الطالب /

* رقم الجلوس /

Dakahlia Governorate | Science Primary Six | Time : 1 ½ hours

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8

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1.Desertification results from

a. horticulture. b. over-cutting of forests

c. gradual farming. d. allowing native plants to flourish.

2. Clouds are formed due to process.

a. melting. b. condensation c. collection. d. freezing.

3.The air causes the formation of many desert areas around the earth's surface.

a. cold. b. moisted c. dry. d. dusty.

(B): - Write the scientific term for each of the following : -

1.They are the building units (blocks) of rocks. (minerals)

2. It is an area that contains biotic factor and abiotic factors that interact with each other. ecosystem

==========

Second Question : - (A) : - Complete the following sentences : -

1.Poison dart frogs live in tropical rain forest environment , while African penguins live in the coast of south africa

2. transpiration is a type of evaporation that takes place through the stomata on the plant's leaves.

3. Types of soil vary in color and particle size

(B) : - What happens to : -

1. The temperature of a desert sand at night.

..... it will decrease

2.The soil that holds medium amount of water.

..... it will hold minerals and nutrients

..... and become more fertile

==========

Third Question : - Mrs. Omnia Abd Elhamied

(A) : - Choose from column (A) what suits it in column (B)

Column (A)	Column (B)
1.an anemometer	a. it is formed from the decomposition of dead organisms remains in the soil.
2. Weather radar	b. it is a measure of how much water vapour is present in air
3.Humidity	c. it is used to detect the speed and intensity of precipitation.
4. Humus	

1..... 2. c 3. b 4. a

(B) : - Give reasons for : -

1.Volcanic eruptions have a beneficial role in a habitat.

..... as it cause soil fertility

2.Farming is difficult in the desert biomes.

..... due to the hot climate which evaporate

..... water faster than its precipitation

Dakahlia Governorate | Science Primary Six | Time : 1 ½ hours

Educational Directorate | Second Term exam May 2024 | توجيه عام العلوم لغات

امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

((الاجابة فى نفس الورقة / صفحة واحدة))

9

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1)The anemometer is used to measure

a. adaptation. b. Rain fall. c. Evaporation. d. Wind speed.

2) The reason for the appearance of the characteristics of Dorcas, is.....

a. the brain b. the gene c. the factor d. the environmental factor

3) The amount of water vapor in the air is known as.....

a. Humidity. b. Evaporation. c. Condensation. d. clouds.

4) The arrangement of soil types according to the size of particles from largest to smallest is.....

a. sand, silt, clay b. silt, sand, clay

c. clay, sand, silt d. sand, clay, silt

(B) : - How does energy from the sun drive the cycle of wind around Earth ?

because when the air is heated by the sun it rise up and replaced by the nearby cold air as a wind

Second Question : - (A) : - Complete the following table with the suitable environmental factor : -

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Size of habitat , Availability of Water , Availability of light

Organism Behavior Effect	Environmental Factors
A plant that carries out photosynthesis	availability of light
Number of different species living in one place	size of habitat
Trees and shrubs Growing in an ecosystem	availability of water and light
Animal growth during its life cycle	availability of water

(B) : - What are the organic and inorganic ingredients that make up the soil.

organic – remains of dead plants and animals

inorganic – air, water, rocks and minerals

==========

Third Question : - (A) : - Put (√) or (X) : -

1) Water, sunlight and air are all examples of a type of biotic factors in the ecosystem. (X)

2) Clouds consist of tiny water droplets that have condensed out of the air. (√)

3) Algae is a type of plant that likely grow in dry, porous soil. (X)

4) At the tops of mountains, the air pressure is low. (√)

(B) : - What happens if : -There is no wind on Earth ?

the temperature at equator become super hot and poles completely cold

Dakahlia Governorate | Science Primary Six | Time : 1 ½ hours

Educational Directorate | Second Term exam May 2024 | توجيه عام العلوم لغات

امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

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10

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1 - During condensation process, all of the following occur except:

A- Losing energy. B- Gaining energy.

C- Forming clouds. D- Converting steam into water

2 - The stage in which meteorologists depend on measuring tools to study weather conditions is:

A- Putting all together B- Analyzing data

C- Representing data D- Gathering data

3- Which of the following is not an example of behavioral adaptations?

A- Birds migration. B- The color of animal fur.

C- The growth of plants toward light. D- Animals living in a herd

4- The soil which water flows quickly can be described as:

A- Incoherent B- Brown in color C- Small particles D- Humid

(B) : - Mention the process that happens to water during transpiration . And Mention if this process is accompanied by losing or gaining energy ?

evaporation process

by gaining energy

==========

Second Question : - (A) : - Put (√) or (X) : -

1- Temperatures vary in different areas on the Earth's surface depending on the angle of incidence of the sun's rays. (√)

2 - The melting of snow and ice in an area causes a flood. (√)

3- The structural adaptations of an organism are related to the structure of its body. (√)

4- The increase in light intensity does not cause damage of plant parts . (X)

(B) : - Mention the function of a barometer?

measure the atmospheric pressure

==========

Third Question : - (A) : - Write the scientific term for each of the following : -

1- The science of studying and predicting the weather.

(meteorology)

2- The process of water falling from the atmosphere onto the Earth's surface in the form of rain or snow.(precipitation)

3- Organic components rich with nutrients that are produced from the decomposition of dead animals and plants.

(humus)

affect

4- The number of different species that live in one place.

size of habitat

(B) : - Mention the two factors that affect the movement of water in the water cycle.

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1 - gravity force

2 - thermal energy

Dakahlia Governorate Science Primary Six Time : 1 ½ hours

Educational Directorate Second Term exam May 2024 توجيه علم العلوم لغات

امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

((الاجابة فى نفس الورقة / صفحة واحدة))

11

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1- The barometer is used to measure

a- Atmospheric pressure b- wind speed

c- amount of rain d- no correct answer

2- Areas that are faraway from the equator , the sun rays fall

a- perpendicular b- very inclined

c- semi inclined d- no correct answer

3- The particles of clay soil are

a- small b- large c- medium d- all of them

4- Increasing the temperature of the soil, leads to in numbers of plants .

a- decrease b- increase c- excess d- overstated

(B) : - When does rain occur ?

when the clouds become heavy

.....that they can't hold water

==========

Second Question : - (A) : - Put (√) or (X) : -

1- No energy transfer occurs during the water cycle. (X)

2- Winds play an important role in moving water. (√)

3- Pores are spaces between soil particles that are filled with air and water. (√)

4- Weather radar determines the intensity and speed of rain. (√)

(B) : - Give reasons for : -

Farmers face challenges in desert farming ?

due to the very hot weather that increase.....

.....the evaporation rate than precipitation.....

.....and the infertility of soil.....

==========

Third Question : - (A) : - Write the scientific term for each of the following : -

1- The change of water from the liquid state to the gaseous state.

(....evaporation.....)

2- The science of studying weather and how to predict it.

(...mertorology.....)

3- A place where living organisms live and the resources necessary for their survival are available. (.....ecosystem.....)

4- A process carried out by plant leaves to get rid of excess water through stomata. (.....transpiration...)

(B) : - Explain : -

Decomposers play an important role in the balance of the ecosystem.

.....because they return nutrients and.....

.....energy back to the soil and ecosystem.....

.....

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Dakahlia Governorate Science Primary Six Time : 1 ½ hours

Educational Directorate Second Term exam May 2024 توجيه عام العلوم لغات

امتحان الفصل الدراسى الثانى / مايو ٢٠٢٤ / الصف السادس الابتدائى

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12

==========

Answer each of the following questions

First Question : - (A) : - Put (√) or (X) : -

1- Melting and transpiration process occur by cooling . (X)

2- Convection causes movement of air with low density above the high density air. (√)

3- Thorns on a plant stem is a behavioral adaptation. (X)

4- Sand soil retains large amount of water than clay soil . (X)

(B) : - Give reasons for : -

Poison dart frog has colorful poisonous skin ?

.....

.....to hid from its predators.....

.....

==========

Second Question : - (A) : - Choose the correct answer : -

1- Fresh water stored underground in a form of groundwater by the effect of

a- Evaporation b- Condensation c- Gravity d- Electricity

2- If the temperature at the bottom of a mountain is 20 C , so the temperature at the top of this mountain may be C .

a- 5 b- 20 c- 25 d- 30

3- The device which is used to measure the wind speed is

a- Anemometer b- Barometer c-Thermometer d- Rain gauge

4- The most common animals that lives in bog ecosystems are

a- Tigers - lions b- Gazelles - zebra

c- Lion - Zebra d- Mosquitos- Frogs

(B) : - What happens to : -

The level of water in a lake when the rate of evaporation increases.

.....

level of water decreases

.....

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Third Question : - (A) : - Write the scientific term for each of the following : -

1- The process by which the land becomes infertile due to deforestation, drought or overgrazing. (.....desertification....)

2- It is the loose layer which covers the Earth crust .

(.....the soil.....)

3- They are responsible for determine the body feature and present in cell nucleus. (.....the genes.....)

4- The continuous movement of water among different water reservoirs.

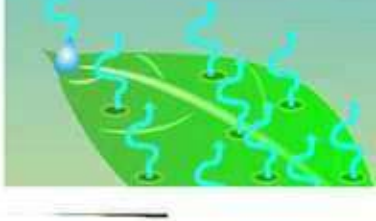
(..water cycle.....)

(B) : - Look at the opposite figure then complete : -

1- The name of this process is

.....transpiration.....

2- This process produces about 10.... % of water vapor that found in the air.



Dakahlia Governorate Science Primary Six Time : 1 ½ hours

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((الاجابة فى نفس الورقة / صفحة واحدة))

13

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-Convection is a way of transferring of heat in liquids and gases due to the difference in..... and.....

a. mass - color. b. shape - volume.

c. temperature - size d. temperature - density.

2-Poison dart frog lives in.....

a. arctic b. tropical rain forest

c. Antarctic environment. d. desert

3-At the top of mountains, the atmospheric pressure is and the temperature is..... compared to the bottom of the mountain.

a. Lower - lower b. lower – higher

c. Higher - higher d. higher - lower

4-All the following are inherited traits in human except

a. nose shape b. eye color

c. language speaking d. ear shape

(B) : - What happens to : -

A plant, if it is exposed to too intense light for a duration.

.....

it will damage as it may dry or burn

Second Question : -

(A) : - Complete the following sentences : -

(Plants - condensation - over - Leaves)

1-Due to convection currents, hot air moves.....over.....cold air.

2-Availability of water and light affect the amount of plants... that represents the food of some animals.

3-Formation of fog is due to the...condensation...of water vapor on a field in early morning.

4-Some desert plants have thick....leaves.....to store water.

(B) : - Give reasons for : -

Sea water remains warm at night than sand ?

.....

because sand loses thermal energy faster than water

.....

==========Mrs. Omnia Abd Elhamied

Third Question : - (A) : - Put (√) or (X) : -

1-Cleaning up water from pollution is more effective than preventing it. (X)

2-Reusing water is a useful way to irrigate crops in desert farm. (√)

3-Glaciers move from the top of mountains to the bottom of mountains due to the effect of gravity. (√)

4-Birds migrate to areas that have no food or water. (X)

(B) : - Cross the odd word : -

Evaporation - Precipitation - Radiation - Condensation

(.....)

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14

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-The evaporation of water from plant leaves is called

a. condensation. b. transpiration. c. rainfall. d. freezing.

2-The climate is

a. The amount of rain the area receives.

b. The state of the atmosphere at a specific place and time.

c. Air temperature.

d. The average weather condition over an expected period of time.

3- The polar bear's ability to live extremely cold regions is considered ...

a. Behavioral adaptation. b. Reproduction ways.

c. Structural adaptation. d. Environmental change.

4-The arrangement of soil types according to the size of soil particles from largest to smallest is

a. Sand, silt, clay. b. Silt, sand, clay.

c. Clay, sand, silt. d. Sand, clay, silt.

(B) : - What is meant by inorganic ingredients .

.....it is the non-living factors as air, water, rocks and minirals.....

Second Question : - (A) : - Put (√) or (X) : -

1-Freezing is the transformation of water vapor into liquid water droplets in the air. (X)

2-Meteorology is the science of studying and predicting the weather. (√)

3-Adaptation is a process in which an organism becomes able to live in the environment in a way that enables it to survive. (√)

4-Desertification results from gradual farming. (X)

(B) : - Give reasons for : - African penguin has a circle of skin completely devoid of feathers surrounding each of its eyes ?

.....to cool its body in hot weather.....

==========

Third Question : - (A) : - Write the scientific term : -

1-The storage location of water on Earth includes oceans, seas, lakes and rivers. (water reservoir)

2-A device that is used to measure atmospheric pressure.

(barometer)

3-A behavioral adaptation in which animals move from one place to another, usually seasonally. (migration)

4-The two processes related to the disintegration of rocks and minerals that make up soil. weathering and erosion

(B) : - Mention the use of an anemometer .

.....measure the wind speed.....

==========

Serial No:

Mrs. Omnia Abd Elhamied

Serial No:

* اسم الطالب /

* رقم الجلوس /

Dakahlia Governorate Science Primary Six Time : 1 ½ hours

Educational Directorate Second Term exam May 2024 توجيه عام العلوم لغات

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15

Mrs. Omnia Abd Elhamied

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1-In the convection process, heat is transferred from

a. High to lows. b. Wet areas to dry areas.

c. Cold regions to warm regions. d. Warm regions to cold regions.

2-The anemometer is used to measure

a. adaptation. b. rainfall. c. evaporation. d. wind speed.

3-The baby rabbits look like their parents a result of

a. Behavioral adaptation they have. b. Observable behaviors.

c. Genes transfer from parents to offspring.

d. Structures that enhance running ability.

4-The two processes related to the disintegration of rocks and minerals that make up soil are.....

a. Evaporation and weathering. b. Erosion and condensation.

c. Deposition and evaporation. d. Weathering and erosion.

(B) : - Give reasons for : - African penguin has a circle of skin completely devoid of feathers surrounding each of its eyes ?

to cool its body in hot weather

Second Question : -

(A) : - Put (√) or (X) : -

1-Transpiration is the evaporation of water from plant leaves. (√)

2-A thermometer is a device that is used to record the speed of the wind blowing. (X)

3-The polar bear's ability to live in extremely cold regions is considered reproduction ways. (X)

4-The arrangement of soil types according to the size of soil particles from largest to smallest is sand, silt and clay. (√)

(B) : - What is meant by inorganic ingredients .

it is the non living factors as air, water, rocks and minerals

==========

Third Question : - (A) : - Write the scientific term : -

1-It is the transformation of water vapor into liquid water droplets in the air. (condensation)

2-The average weather conditions over an extended period of time. (climate)

3-A process in which an organism becomes able to live in the environment and to survive. (adaptation)

4-It is a process by which the land becomes infertile due to deforestation, drought or overgrazing.(desertification

(B) : - Complete the following table : -

Type of soil	Color	Particles size	Degree of water retention
sand.	yellow.	large.	small
silt.	gray.	medium.	medium
clay.	black.	small.	large

حمل الآن
مجانا وحصريا

امتحانات رقم (4)

الترم الثانى





Model Exam 1	Dakahlia Governorate Educational Directorate	Science Primary Six 2ND Term May 2025	Time : 1½ Hours توجيه عام العلوم نفذت
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Complete the following sentences : -

1. When water liquid changes into water vapor, it heat.
2. is the measure of how much water vapor is present in the air.
3. penguin has this blubber with dense feathers.
4. The process which breaks down rock into small particles.

(B) : - Determine : -

1. Examples about structural and behavioral adaptation in some animals.

.....

.....

==========

Second Question : - (A) : - Put (√) or (×) : -

1. Particles of air which have high temperature and low density sink down. ()
2. When the sun rays fall perpendicular, give heigh effect of heat.()
3. The size of sand soil particles is smaller than that of silt and clay particles. ()
4. Biotic factors of an ecosystem include sunlight, air and water.()

(B) : - Give reason for : -

1. Sand storm have harmful effects on the human health.

.....

.....

.....

==========

SUPER VISION S.A.S EDA TOP NOTCH NOTHING BY 2025

Model Exam 2	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Correct the underlined words : -

1. Minerals are the buildings blocks of plants. (.....)
2. Birman cats have very fine hair. (.....)
3. The force that the atmospheric air exerts on a certain area of earth's surface is known as gravity. (.....)

(B) : - Mention the importance of : -

1. Thermometer.

.....

.....

2. Rain gauge

.....

.....

==========

Second Question : - (A) : - Write the scientific term : -

1. An important stopover in Egypt for migratory birds, that includes marine, coastal and mountain environments. (.....)
2. It is a naturals phenomenon that occurs when the level of water in a river increases until it overflows onto its banks. (.....)
3. It is the process which helps in formation of clouds in the sky. (.....)

(B) : - State three examples about water reservoirs : -

.....

.....

.....

==========

Third Question : - (A) : - Arrange the following according to retaining water ascending : -

1. Sand soil - clay soil - silt soil.

.....

(B) : - Look at the opposite figure, then choose the correct answer : -



1. The process which takes place in this figure is considered as form of process

a. Condensation b. evaporation

c. Precipitation d. collection

2. The process which takes place in this figure produce about of water vapor that is found in the air.

5% b. 7% c. 10% d. 15%

==========

Fourth Question : -

(A) : - Choose from column(A) what suits it in column (B) : -

(A) If a meteorologist wants to know	(B) They should use
1- The speed of tornado's winds	a- Barometer
2- Whether it rained more this summer or last summer	b- Anemometer
3 The possible path of a hurricane	c- Rain gauge
4- The current atmospheric pressure	d- Weather satellite

1- 2- 3- 4-

(B) : - What happen to : - The density of air if the cold air is warmed by the effect of solar energy.

.....

.....

.....

==========

SUPER VISOR S.A.S H.D.A TOP NOTHING

Model Exam 3	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : -

(A) : - Complete the following sentences : -

1. Heat transfers by convection in and
2. A thermometer is used to measure, while a barometer is used to measure

(B) : - Mention an example of : -

1. Biotic factor. (.....)
2. A biotic factor. (.....)

==========

Second Question : -

(A) : - Cross out the odd words : -

1. Snow - rain - hail - water vapor. (.....)
2. Evaporation - transpiration - condensation - melting. (.....)
3. Deposition - melting - erosion - weathering. (.....)

(B) : - What happen to : -

1. The atmospheric pressure, as we move up toward the top of a mountain.

.....

.....

.....

==========

Third Question : -

(A) : - Put (√) or (×) : -

Third Question : -

(A) : - Choose the correct answer : -

1. The soil provides the plant with all of the following except,.....

a. Water b. air c. Nutrients d. sunlight

2. Dorcas gazelle lives in

a. Tropical areas b. desert area c. North pole d. south pole

3. A rain shadow is an area that is formed behind a.....

a. Tree b. bridges. c. Mountain d. building

(B) : - What happens if : -

1. The genetic factor of hairless body trait is transferred from sphynx cat parents to their offspring.

.....

.....

.....

==========

Fourth Question : -

(A) : - put (√) or (X) : -

1- Water flows through sand soil faster than in clay soil. (√)

2- Chrysanthemum plants can produce flowers when the nights are longer than days. (•)

3- Cleaning up water from pollution is more effective than preventing it. ()

(B) : - Give reason : -

Moving down glaciers from the top of a mountain to its foot.

.....

.....

.....

==========

Model Exam 4	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علم العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة في نفس الورقة / صفحة واحدة))		

1. Although flooding is harmful, it also has some benefits. ()
2. The air becomes more dense at the top of a mountain compared to the bottom of this mountain. ()
3. When hand is placed over a lighted candle it feels hot, because hot air has high density so it moves up. ()

(B) : - Look at the opposite picture, then choose the correct answer : -



1. Water droplets which are found on the lid, are formed by the help of process. (condensation - precipitation)
2. We can increase the amount of produced water vapor by increasing the temperature of the (the lid which covers the pot - water which is found in the pot)

==========

Fourth Question : - (A) : - Write the scientific term : -

1- It is the transformation of water vapor into liquid water droplets in the air. (.....)
2- The evaporation of water from plants leaves.(.....)
3- An important stopover in Egypt for migratory birds, that includes marine, costal, and mountain environments.(.....)
4- It is the step in which rainwater collects on the Earth. (.....)

(B) : - Give reason :- Appearance of the characteristics of Dorcas.

.....
.....
.....

==========

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1- The arrangement of soil types according to the size of soil particles from smallest to largest is
a- sand, silt, clay b- silt, sand, clay
c- clay, silt, sand d- sand, clay, silt

2- What types of plants are likely to grow in dry, porous soil?
a- Herbaceous plants b- Tall trees c- Ferns d- Algae

3- Desertification results from
a- horticulture b- over-cutting of forest
c- allowing native plants to flourish d- gradual farming

4- What is the method through which we reduce the occurrence of erosion due to water?
a- Weed removal b- Adding clay to the soil
c- Create more ramps d- Digging trenches

(B) : - Put (√) or (X) : -

At the tops of mountains, the air pressure is less. ()

==========

Second Question : - (A) : - Complete the following sentences : -

1- soils with large spaces between the particles are characterized by the ability to seep in water and retain
2- overuse of and cause depletion of the soil.
3- due to convection currents, hot air moves cold air.
4- adding some crop remains like and help in soil restoration.

(B) : - Give reason : - Desertification process increases recently.

Model Exam 5	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسى الثانى / مايو 2025 / الصف السادس الابتدائى		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1- When we say " the average temperature this week was 35 degrees " thus, describe

a. Climate b. humidity c. weather d. correction currents

2- The temperature may reach more than 50 degrees in Aswan in the summer, this reflects

a. Humidity b. atmosphere c. weather d. climate

3- Which of the following sentences is correct?

a. Water and land usually have the same temperature.

b. Water heats and cools faster than the Earth's surface.

c. The Earth's surface heats and cools faster than water.

d. The Earth absorbs and stores more thermal energy than the oceans and seas.

4- the thermometer is used to

a. Measure the temperature. b. Know tomorrow's weather.

c. Predict when it rains. d. Measure wind speed.

(B) : - Give reason : - African penguin has a circle of skin doesn't have any feathers around each of its eyes.

.....

.....

==========

Second Question : - (A) : - Complete the following sentences : -

1- Is the type of soil that is found in the bog ecosystem.

2- The moist conditions in bog ecosystem, leads to temperature.

.....

.....

==========

Third Question : -

(A) : - Classify the following sentences in the correct process :-

1- Warm air rises and moves over cooler mountains.

2- Energy from the sun heats the top layer of water in the sea.

3- A puddle in a hot desert becomes smaller and smaller.

4- Warm, moist air touches a cold glass of tea.

Condensation	Evaporation
.....	
.....	

(B) : - Cross out the odd words : -

1- Hurricanes - Building factories - Floods - Earthquakes.

2- Deforestation - Overuse of pesticides - Overgrazing - Drought.

3- Fur color - Hair length - Ears shape - Flower color.

==========

Fourth Question : - (A) : - Look at the following figure, then choose the correct answer : -



1- The weather in area (A) is (hot – warm – very cold)

2- The sun rays fall perpendicular on area (A- B- C)

3- The weather is very cold in area (A- B- C)

(B) : - Give reason : - The effect of heat is low in the area at the north and south of the equator.

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Model Exam 6	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

3- In the convection process, heat is transferred from regions to regions.

(B) : - Put (√) or (X) : -

1- The amount of water vapor in the air is known as condensation.()

2- The soil can't be restored again. ()

==========

Third Question : - (A) : - Compare between the top and the bottom of the mountain according to the following : -

P.O.C	The top	The bottom
The air pressure		
Air density		
Temperature		

(B) : - Complete the following sentence : -

1- Waterlogged soil contains large amount of and small amount of

==========

Fourth Question : - (A) : - Write the scientific term : -

1- The average weather conditions over an extended period of time. (.....)

2- It is the distance between the particles of the soil. (.....)

3- An area between buildings contains grasses, insects and weeds represents. (.....)

4- It is the process which helps information of clouds in the sky. (.....)

(B) : - Correct the underlined world : -

1- Due to <u>radiation</u> currents, warm water moves above cold water. (.....)

2- Minerals are the building blocks of <u>plants</u>. (.....)

==========

Answer each of the following questions

First Question : - (A) : - Write the scientific term : -

1- loose layer that cover Earth's surface. (.....)

(B) : - Give reason : -

Drying up of the large salt lake in Turkey in summer season.

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(C) : - What happen to : -

Atmospheric pressure, as we go up toward to the top of mountain.

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Second Question : - (A) : - Cross out the odd words : -

Condensation - Run off - Evaporation - Precipitation. (.....)

(B) : - Give reason : -

Formation of fog.

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(B) : - Mention : -

Two factors that cause floods.

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Model Exam 7	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2nd Term May 2025	توجيه علم العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1- the density of cold and dry air is the density of hot and humid.

a. more than b. equal to c. similar to d. less than

(B) : - Give reason : -

Changing water from one state to another.

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(C): - What happen to:- The atmospheric pressure as we move up.

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Second Question : - (A) : - Write the scientific term : -

The method by which heat transfers within liquids and gases, where hot molecules rise upward while colder molecules fall down.

(.....)

(B) : - put (√) or (X) : -

Water flows through sand soil faster than in clay soil. ()

(C) : - Give reason : -

Some plants live in desert have short extended roots.

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Third Question : - (A) : - Complete the following sentence : -

1- Minerals are building unit of

(B) : - What happen to : -

soil when fertile agricultural land are converted into factories or pasture.

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(C) : - What are difficulties that face desert farming.

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Fourth Question : - (A) : - Complete : -

1- lizard body is covered with

(B) : - Explain : -

adaptation in Emperor penguin.

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(C) : - Compare between : -

1- movement of hot air and movement of cold air.

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SUPER VISOR * SCIENCE * S.A.S * H.D.A * TOP * OR * NOTHING * DK * 2025 *

Model Exam 8	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علم العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الأجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Put (√) or (X) : -

1- All types of plants produce fruits when the day are shorter than night. ()

2- Sandstorms blow up from dry area such as seas and oceans.()

(B) : - Write the scientific term : -

1-The process which breaks down rock into small particles.

(.....)

2- The process which helps in formation of clouds in the sky.

(.....)

(C) : - Choose the correct answer : -

1- The amount of water vapor in the air is known as.

a. condensation b. evaporation c. humidity d. a cloud

==========

Second Question : - (A) : - What happen to : -

1- plants in ecosystem if they face too intense light.

.....

.....

2- weather when sun rays fall very inclined on Earth's surface.

.....

.....

(B) : - Choose the correct answer : -

1- The reason for the appearance of the characteristics of a Dorcas is

a. the rain b. the gene c. the factor d. the environment factor

2- Desertification results from

==========

Third Question : - (A) : - Write the scientific term : -

A type of evaporation that takes place through the stomata in the plant's Leaves. (.....)

(B) : - What happen to : -

1- The air temperature if there is no wind on Earth.

.....

.....

.....

2- Solar panels when dust accumulates on them.

.....

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Fourth Question : - (A) : - Cross out the odd word : -

Sunlight - water - plant - Air. (.....)

(B) : - Correct the underlined words : -

1 - Due to radiation currents, warm water moves above cold water.

(.....)

2- The least amount of rain falls on rainforest blome.

(.....)

.....

(C) : - What happen to : -

The clouds become so heavy and they can't hold water.

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SUPER VISOR * S.A.S * H.D.A * TOP * DK * 2025 * SCIENCE * NOTHING

Model Exam 9	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Write the scientific term : -

1. Tiny structures found in nucleus of cell and carry information about cell. (.....)

(B) : - Mention : - The factors that determine wind direction.

.....

.....

(C) : - Give example for : -

plants affects by duration of exposure to light.

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Second Question : - (A) : - put (√) or (X) : -

Dorcas gazelle can live in both desert and semi-desert areas. ()

(B) : - Compare between : - sphynx cat and birman cat.

P . O . C	Birman Cat	Sphynx Cat
Genetic factor of long and silky hair		

(C) : - What happen when : -

1- Soil become waterlogged

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a. over-cutting of forests b. gradual farming c. growing trees

(C) : - Put (√) or (X) : -

Bog ecosystem has very hot temperature. ()

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Third Question : - (A) : - Write the scientific term : -

It is an area contain biotic factors and abiotic factors that interact with each other. (.....)

(B) : - What happen to : -

1- The water droplets in the clouds become very heavy.

.....

.....

(C) : - Complete the following table : -

P . O . C	At the top of mountain	At the bottom of mountain
Temperature		
Air density		

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Fourth Question : - (A) : - Give reason : -

The total amount of water on Earth doesn't change.

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(B) : - Choose the correct answer : -

1 - is a tool used to measure atmospheric pressure.

a- anemometer b. barometer c. thermometer d. rain gauge

(C) : - Arrange the steps in forecasting weather : -

The clouds become so heavy and they can't hold water.

(analyzing data – putting it all together - collecting data)

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SUPER VISOR * S.A.S * EDUCATIONAL * TOP * NOTHING * 2025

Model Exam 10	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة في نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Complete the following sentences : -

1. The body structure of polar bear that allows it to live in extremely cold regions is considered adaptation.
2. Increasing and decreasing of water level in some lakes is due to the transfer of through the water cycle.
3. Heat transfers from the object to the object.
4. Overuse of and cause depletion of the soil.

(B) : - Cross out the odd word : -

Weather radar - barometer - convection - anemometer.

(.....)

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Second Question : - (A) : - put (√) or (X) : -

1. The soil can't be restored again. ()
2. Acacia trees and palms are adapted to live in desert environment. ()
3. Sand storms decrease the visibility during driving cars. ()
4. Using great amount of fertilizers reduce water pollution. ()

(B) : - What happen to : -

1. The density of air when it loses its temperature.

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Third Question : - (A) : - Complete the following sentences : -

1- Poison dart frog live in environment.

2- and are the most common animals that live in bog ecosystem

(B) : - What happen to : -

Arctic fox if it has thin fur instead of a thick fur.

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(C) : - Explain : - Adaptation in African penguin

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Fourth Question : - (A) : - put (√) or (X) : -

1- The presence of more humus in soil increases water retention. ()

2- Sand storms increase visibility during driving cars. ()

3- Wind will alter air temperature if there is no wind on Earth between the equator and two poles. ()

(B) : - Mention : -

1- The function of anemometer.

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2- The source of organic material in soil.

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SCHOOL SUPER VISOR * S.A.S * H.D.A * TOP * NOTHING * DK * 2025 *

Model Exam 11	Dakahlia Governorate Educational Directorate	Science Primary Six 2ND Term May 2025	Time : 1½ Hours توجيه علوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1. The large Salt Lake in Turkey is dried up due to the increase in the rate of process.

a- melting b- freezing c- evaporation d- condensation

(B) : - What happen to : -

1. The air density, as we move down toward the bottom of a mountain.

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2. The soil if there is a lot of water in a humid area.

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Second Question : - (A) : - Write the scientific term : -

1. large areas of land that are formed due to the effect of dry air.

(.....)

(B) : - Mention : -

Two types of adaptation with examples.

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Third Question : -

(A) : - Choose from column (B) that suits column (A) : -

A	B
1. Humus	a. is produced from rocks weathering .
2. Pore space	b. are grassland ecosystems.
3. Silt	c. rich in nutrients.
4. savannas	d. is filled with air or water.
	e. has yellow color.

1- 2- 3- 4-

(B) : - Give reason : -

Floods have some benefits.

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Fourth Question : -

(A) : - Write the scientific term : -

1. Factors include all living organisms. (.....)
2. Is from behavioral adaptation in which animals move from one place to another seasonally. (.....)
3. A process that takes place from leaves of plants. (.....)
4. The place in which living organisms live. (.....)

(B) : - Look at the opposite figure , then answer : -

1. Its name is

2. Its environment is



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SCIENCE SUPER VISOR * S.A.S * H.D.A * TOP * OR * NOTHING * DK 2025

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Third Question : -

(A) : - put (√) or (X) : -

1. cactus plant is adapted to grow and survive in rain forest habitat.

()

(B) : - Compare between : -

The two types of soil components.

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Fourth Question : -

(A) : - Complete the following sentences : -

1. when we sprinkle talcum power over a light bulb, the power above the light bulb.

(B) : - Correct the underlined word : -

1. the vertical movement of air (up and down movement) is called wind. (.....)

(C) : - Give reason : -

1. Decomposers have an important role in keeping balance in an ecosystem.

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Model Exam 12	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة في نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1. soil scientists and engineers hope to stop depending on traditional bricks and concrete because they

a-require a lot of energy only.

b- produce a lot of pollution only.

c- require less energy and produce a lot of pollution.

d-require a lot of energy and produce a lot of pollution.

(B) : - What happen to : -

1. The movement of air when solar radiation heats up the air in an area.

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2. Water can flow very fast through sand soil.

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Second Question : - (A) : - Cross the odd word : -

Yellow color - Large particles - Medium flowing of water - Retaining small amount of water. (.....)

(B) : - Give reason : -

1. Clay soil can retain more amount of water.

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SUPERVISOR * TOP * SCIENCE * DK * 2025 * S.A.S * H.D.A * TOP * FOR * NOTHING *

2. Formation of fog in the early morning.

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Third Question : - (A) : - Complete the following sentences : -

1. Types of plants in the soil affect the and conditions of the ecosystem.

(B) : - Give 2 example for : -

1. Natural changes.

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.....

2. Human activities.

.....

.....

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Fourth Question : - (A) : - Put (√) or (X) : -

1. you can see transpiration process when you set a plant its leaves covered with a plastic bag in the sun light. ()

(B) : - Compare between : - Drought - Flooding - Sandstorm.

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Model Exam 13	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علم العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : -

(A) : - Choose the correct answer : -

1. The tool that is used to measure the speed of precipitation is

a- barometer b- thermometer

c- weather radar d- anemometer

(B) : - What happen to : -

1. The atmospheric pressure, as we move up toward the top of a mountain.

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2. The level of water in a lake when the rate of evaporation increases.

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Second Question : -

(A) : - Complete the following sentences : -

1. Flamingos migrate to the large Salt Lake in turkey when the weather becomes and they feed on which are found in this lake.

(B) : - Give reason : -

1. Changing of water from one state to another.

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2. Desertification process increases recently.

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Third Question : - (A) : - Cross out the odd word : -

Hurricanes - Volcanic eruptions - Remove forests to build houses - Forests fires. (.....)

(B) : - Compare between : -

Evaporation process - Precipitation process.

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Fourth Question : - (A) : - put (√) or (X) : -

1- Controlling air pollution doesn't help in decreasing water pollution. ()

(B) : - What happen if : - There is no wind on Earth.

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(C) : - Write the scientific term : -

The spaces between soil particles. (.....)

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Model Exam 14	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة في نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) Choose the correct answer:

1) An area between buildings contains grasses, insects and weeds represents

a. a large ecosystem. b. a small ecosystem.

c. structural characteristics. d. physical characteristics.

2) Wind is formed when rises and replaced by that flows from nearby areas.

a. warm water - cold water b. warm air - cold air

c. cold air - warm air d. cold water - warm water

3) Floods may occur as a result of and

a. gentle rain - melting of snow.

b. heavy rain - sudden melting of snow.

c. gentle rain - freezing of water.

d. heavy rain - little evaporation of water.

(B) : - Give reason : -

1. Moving down of glaciers from the top of a mountain to its foot.

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2. Desert farming faces many difficulties.

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Second Question : - (A) Correct the underlined word:

Minerals are the building blocks of plants. (.....)

(B) : - Complete the following sentences : -

1. Formation of fog is due to the of on a field in early morning.

2. Overuse of and cause depletion of the soil.

(C) : - What happen when : -

1. The soil when fertile agricultural lands are converted into factories or pastures.

.....

.....

2. Atmospheric pressure, as we move up toward top of mountain.

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Third Question : - (A) : - Cross out the odd word : -

Condensation - Runoff - Evaporation - Precipitation.(.....)

(B) : - Write the scientific term : -

1. The force which causes moving down of water from higher places to lower places on Earth. (.....)
2. The loose layer that covers Earth's surface. (.....)

(C) : - Mention the importance of : -

1. Thermometer.

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2. Rain guage.

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Fourth Question : - (A) : - put (√) or (X) : -

1. When the warm air flows away from its place to another one, it will cool and move downward. ()
2. Sandstorms decrease the visibility during driving cars. ()
3. All living organisms depend on soil to get their needs. ()

(B) : - Mention : -

The two factors that leads to destruction of habitat.

1.
2.

==========

Model Exam 15	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسى الثانى / مايو 2025 / الصف السادس الابتدائى		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1. Dorcas gazelle lives in

a. tropical area. b. north pole. c. desert area. d. south pole.

2. Genes are tiny structures that found in

a. cell nucleus. b. cell membrane.

c. cell wall. d. mitochondria.

3. The increase in the amount of rain may cause

a. flooding. b. drought. c. sandstorm. d. hurricane.

(B) : - Give reason : -

1. Drying up of the large salt lake in Turkey in summer season

.....

.....

2. We should keep green areas and reduce the amount of fertilizers.

.....

.....

==========

Second Question : - (A) : - Complete from between brackets : -

(gains - loses - humidity - transpiration - African - Emperor)

1. When water liquid change into water vapor, it heat.
2. The measure of how much water vapor is present in the air
3. penguin has thick blubber with dense feathers.

(B) : - Mention : - The function of Barometer.

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Third Question : - (A) : - Mention an example of : -

1. Migratory birds in Egypt
2. Structural adaptation in animals that live in cold climate

(B) : - put (√) or (X) : -

Biotic factors of an ecosystem include sunlight, air and water. ()

(C) : - Write the scientific term : -

1. It is a natural phenomenon that occurs when the level of water in a river increases until it overflows onto its banks. (.....)
2. It is the process which helps in formation of clouds in the sky. (.....)

Fourth Question : - (A) : - Correct the underlined words : -

1. Erosion, deposition and <u>evaporation</u> processes help in the formation of soil. (.....)
2. <u>Birman</u> cat doesn't have any hair or have only very fine hair. (.....)
3. The amount of water vapor in the atmosphere represents air <u>density</u>. (.....)

(B) : - What happens to : -

1. The air temperature if there is no wind on Earth.

.....

.....

2. The plants in an ecosystem. if they receive too intense light.

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Model Exam 16	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Write the scientific term : -

1. A change in the body structure of living organisms that helps them to survive. (.....)

(B) : - Mention one function of each of the following : -

1. Barometer.

.....

2. Rain gauge.

.....

(C) : - Mention one of each of the following : -

1. Structure adaptation in Emperor penguin.

.....

2. Structure adaptation in desert plants.

.....

==========

Second Question : - (A) : - Choose the correct answer : -

1. and are the most common animals that lives in bogs.

a- Lions - tigers b- lions - frogs

c- Mosquitoes - frogs d- Zebra- Gazelles

(B) : - Write two of each of the following : -

1. Two harms of sandstorms.

.....

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2. Two harms of flooding.

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.....

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DK 2025 SCIENCE SUPER VISOR S.A.S TOP NOTHING

Third Question : - (A) : - Complete the following sentences : -

1. Formation fog is due to of water vapor on a field in early morning.
2. Overuse of and are from the factors of soil depletion.

(B) : - Give reason : -

1. A Birman cat has long and silky hair.

.....

.....

2. Hot air moves upward, while cold air moves downward.

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.....

3. Birds migrate from one place to another.

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Fourth Question : - (A) : - Correct the underlined words : -

1. When the water falls on Earth in the form of rain, sleet, snow or hail is called <u>evaporation</u>. (.....)
2. Heat transfer through gases and liquids by <u>conduction</u>. (.....)

(B) : - What happen to : -

1- The atmospheric pressure as we go up at the top of mountain.

.....

.....

2- The habitat when the number of predators decrease.

.....

.....

3- The weather if the sun rays fall very inclined on an area.

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Model Exam 17	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علم العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة في نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : -

(A) : - Complete the following sentences : -

1. The processes that need gaining energy of water in water reservoirs are and

(B) : - Compare between : -

P . O . C	Barometer	Anemometer
The use		

P . O . C	Sand soil	Clay soil
Size of particles		

==========

Second Question : - (A) : - Write the scientific term : -

1. A type of evaporation that takes place through the stomata in the plant's Leaves. (.....)

(B) : - Mention one example for : -

1. Negative effect of sand storm. (.....)
2. Genetic factor. (.....)
3. Adaptation in plant in desert environment. (.....)
4. Benefit of Volcanic eruptions. (.....)

==========

Third Question : - (A) : - Choose the correct answer : -

1. Some plants, such as bear fruits when the day time is shorter than the night time.

a. Chrysanthemum b. Cactus

c. Herbaceous plants d. Flowering plants

2. The arrangement of soil types according to the retain of water is..

a. sand, silt, clay b. silt, sand, clay

c. clay, silt, sand d. sand, clay, silt

(B) : - What happen : -

1. To a plant, if it is exposed to too intense light for a duration.

.....

.....

2. When place a blue jar with hot water on the top of a red jar with cold water.

.....

.....

3. To the habitat when the number of predators decreases.

.....

.....

==========

Fourth Question : - (A) : - put (√) or (X) : -

1- Thorns on a plant stem is a behavioral adaptation. ()

2- Due to radiation currents, warm water moves above cold water.()

(B) : - Give reason : -

1. penguin has a circle of skin completely devoid of feathers surrounding each of its eyes.

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2. The weather in the area near the equator is hot.

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3. Desertification process increases recently.

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Model Exam 18	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه عام العلوم لغات
	نموذج امتحان الفصل الدراسي الثاني / مايو 2025 / الصف السادس الابتدائي		
	((الاجابة في نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1. The length of plants is from factors that affects their growth. (Genetic - environmental)

(B) : - Give reason : -

1. Living organisms are considered apart of water cycle on Earth surface.

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2. Forest fires may have some benefits.

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(C) : - What is the important of : -

1. Anemometer. (.....)

2. Rain gauge. (.....)

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Second Question : - (A) : - Write what phrases indicates : -

1. A place where living organisms live and provides them with their basic needs. (.....)

(B) : - What happen to : -

1. Sand and water at the day after exposed to sunlight.

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2. The soil when farmers increase the planted area.

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(C) : - Mention : -

1. The effect of too much and too little precipitation.

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2. The factors that lead to soil erosion.

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Third Question : - (A) : - put (√) or (X) : -

1. There are spaces between particles of the soil. ()
2. As air is warmed by the sun, the air falls dawn. ()

(B) : - What is result of : -

1- A Lake is subjected to very hot temperature.

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2- Placing a green plant away from a source of sunlight. (In terms of growth direction).

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3- The ice melts suddenly.

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Fourth Question : - (A) : - Complete the following sentences : -

1- The vertical movement of air is called

2- The of the cell carries the genetic genes.

(B) : - Cross out the odd word : -

1- lizard - Plam - Opuntia - Frog. (.....)

2- Weather balloon - Satellite - Thermometer - Air planes.

(.....)

(C) : - Arrange the following according to retaining water descending : - Sand soil - Clay soil - Silt soil.

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Model Exam 19	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علم العلوم لغات
	نموذج امتحان الفصل الدراسى الثانى / مايو 2025 / الصف السادس الابتدائى		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1. All the following are biotic factors, except

a. animals. b. insects. c. precipitation. d. grasses.

(B) : - Give reason : -

Some plants that live in the desert have short extended roots.

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(C) : - What happen : -

If the soil doesn't contain any decomposer organisms.

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Second Question : - (A) : - Write the scientific term : -

1. It is a change in the behavior or acts of a living organism to help it survive. (.....)

2. It is a process which helps in formation of clouds in the sky.

(.....)

3. The distances between particles of the soil. (.....)

(B) : - Correct the underlined word : -

1. Sand soil has a grey color. (.....)

2. Anemometer is used to measure the rain speed. (.....)

Model Exam 20	Dakahlia Governorate	Science Primary Six	Time : 1½ Hours
	Educational Directorate	2ND Term May 2025	توجيه علم العلوم لغات
	نموذج امتحان الفصل الدراسى الثانى / مايو 2025 / الصف السادس الابتدائى		
	((الاجابة فى نفس الورقة / صفحة واحدة))		

Answer each of the following questions

First Question : - (A) : - Choose the correct answer : -

1. All the following are inherited traits in human, except
a. eye color b. nose shape c. fur color d. ear shape

2. All the following are considered the main processes in transferring water through water reservoirs, except
a. condensation b. transpiration c. evaporation d. precipitation

3. At the top of the mountain, the atmospheric pressure is and the temperature is compared to the bottom of the mountain.
a. lower - lower b. higher - higher
c. lower - higher d. higher - lower

4. is the loose layer which covers Earth's surface.
a. Humus b. Water c. Soil d. Air

(B) : - Give reason : -

Drying up of a large salt lake in the summer season.

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Second Question : - (A) : - put (√) or (X) : -

1. Density of air doesn't change by heating. ()

2. Avoiding eating chips and drinking soda is a positive lifestyle.()

3. The melting of ice occurs due to a decrease in thermal energy in water molecules. ()

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Third Question : - (A) : - put (√) or (X) : -

1. Savannas are grass land ecosystems that contain dry sand soil.

()

(B) : - Cross out the odd word : -

1. Barometer - anemometer - thermometer - metrology. (.....)

2. deposition - forests fires- erosion - weathering. (.....)

(C) : - What happen : -

The clouds become so heavy that they can't hold water.

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Fourth Question : - (A) : - Choose the correct answer : -

1. The amount of water vapor in air is known as
a. Humidity. b. Evaporation. c. Condensation. d. The cold.

(B) : - Give a reason : -

1. Migration of flamingoes' birds.

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2. African penguin has a circle of skin that doesn't have any feathers around each of its eyes.

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4. Water flows through sand soil faster than through clay soil. ()

(B) : - What happen to : -

The plants in an ecosystem, if they receive too intense light.

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Third Question : - (A) : - Correct the underlined words : -

1. Hurricanes are from human activities that cause habitat destruction. (.....)

2. Birds migration is an example of structural adaptation.(.....)

3. hot air becomes more dense at the top of the mountains.(.....)

(B) : - Compare between : -

Movement of hot air and Movement of cold air.

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Fourth Question : - (A) : - Complete the following sentences : -

1- Formation of fog is due to the process of the water vapor.

2- Sea water absorbs heat slowly and loses it

3- Some desert plants have thick leaves to store

(A) : - Cross out the odd word : -

1- weather balloon - satellite - thermometer - air planes. (.....)

2- snow - hail - rain - water vapor. (.....)

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كيفية طباعة صفحات معينة من ملف معين

مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

